



October 27, 2010

Chief, Air Enforcement and Compliance Assurance Branch  
Air and Radiation Division (AE-17J)  
USEPA, Region 5  
77 West Jackson Boulevard  
Chicago, IL 60604-3590

Attention: Enforcement Tracker

Subject: United States of America and Michigan Department of Environmental Quality v.  
Severstal North America, Inc. – Civil Action Nos. 00-75452 and 00-75454,  
USAO File No. 1999 00492, DOJ Case No. 90-5-2-1-2211/1 – Quarterly Report

Per Section V, paragraph 21 of the subject Civil Actions, attached is Severstal's quarterly report for July – September 2010.

The demonstration report for the “B” Blast Furnace Casthouse demonstration, which was completed on September 19, 2002, was submitted on October 16, 2002. Rouge Steel received the written notice of compliance from EPA pursuant to paragraph 11(d) on November 13, 2002. The list of O&M practices and emission control technologies to use on an ongoing basis was incorporated into the Consent Decree on June 25, 2004 as Appendix E. On September 24, 2007, a Stipulation was filed with the Court amending Appendix E which allows termination of the O&M practices upon full operation of a capture-type particulate emission control system.

On January 5, 2008, an eruption in the “B” Blast Furnace resulted in a breach in the furnace shell. The furnace has not been in operation since January 5, 2008 and therefore, Severstal has not been able to utilize the O&M practices in Appendix E nor have we been able to perform the visible emission monitoring required by Section 19(a). A Force Majeure notification was sent to EPA on January 11, 2008. Repairs to “B” Blast Furnace have recommenced, however, Severstal is not yet able to predict the date by which all repairs will be completed. The “B” Blast Furnace will be equipped with a capture-type particulate emission control system when it resumes operation.

The BOF demonstration was completed October 28, 2002, and the demonstration report was submitted on November 22, 2002. After completion of a dispute resolution process regarding O&M practices and emission control technologies to be used at the BOF, a Stipulation regarding BOF O&M practices was filed with the Court on October 25, 2006, and the list of O&M practices to be used at the BOF was filed with the Court and incorporated into the Consent Order on October 30, 2006 as Appendix G. On October 15, 2007, Severstal began operating a baghouse dust collector to control secondary emissions at the BOF. Accordingly, per the

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authorization in Section II of Appendix G Severstal has ceased utilization of the O&M practices set forth in Section II of Appendix G. Severstal is continuing to utilize the O&M practices set forth in Section I of Appendix G. Notice of the operation of the baghouse dust collector and the cessation of the Appendix G, Section II O&M practices was given to EPA by letter dated October 26, 2007.

The demonstration report for the "C" Blast Furnace Casthouse demonstration, which was completed on February 7, 2003, was submitted on February 13, 2003. Rouge Steel received the written notice of compliance from EPA pursuant to paragraph 11(d) on March 17, 2003. The list of O&M practices and emission control technologies to use on an ongoing basis was incorporated into the Consent Decree on June 25, 2004 as Appendix F. On September 24, 2007, a Stipulation was filed with the Court amending Appendix F which allows termination of the O&M practices upon full operation of a capture-type particulate emission control system.

On October 19, 2007, the capture-type particulate emission control system at the "C" Blast Furnace Casthouse became fully operational. Accordingly, as authorized by Appendix F Severstal has ceased utilization of the "Ongoing Operating and Maintenance Practices (restated)" listed in Appendix F. Notice of the operation of the particulate emission control system and the cessation of O&M practices was given to EPA by letter dated October 26, 2007.

In a letter dated July 19, 2010, Severstal requested to terminate this Consent Decree since we have fulfilled all the requirements as specified in Paragraph 57. On September 2, 2010, Severstal received a letter from the U. S. Department of Justice stating that the United States had no objections to the termination of this Consent Decree. On October 14, 2010, Severstal filed a motion to terminate with the United States District Court for the Eastern District of Michigan. On October 26, 2010 with the consent of the United States and the State of Michigan, the Court granted our motion to terminate this Consent Decree. Therefore, this will be the final quarterly report.

Please feel free to contact me at (313) 845-3217, if you have any questions regarding this subject.

Very truly yours,



James E. Earl, Manager  
Environmental Engineering

Attachments

cc: Gaylene Vasaturo, Esq.  
Ms. Teresa Seidel  
Scott R. Dismukes, Esq.

**SEVERSTAL DEARBORN, INC.**  
**CIVIL ACTION NOS, 00-75452 AND 0075454**

**QUARTERLY REPORT FOR JULY 1 – SEPTEMBER 30, 2010**

<b>SECTION IV MONITORING</b>	<b>RESULTS</b>
Conduct VE Observation of "C" Blast Furnace Bleeders	See attached VE data sheets and reasons for discharges
Conduct Weekly VE Observations of "B" Blast Furnace Casthouse	No VE data due to January 5, 2008 eruption
Conduct Weekly VE Observations of BOF Roof Monitors	See attached VE data sheets
Conduct Weekly VE Observations of "C" Blast Furnace Casthouse	See attached VE data sheets
VE Observations of "B" Blast Furnace Roof Monitors when burning open taphole	None this quarter
O&M practices and Control Technologies for "B" Blast Furnace	See Exhibit A
O&M practices and Control Technologies for BOF	See Exhibit C
MDNRE ROP Report Certification and Deviation Report	See Exhibit D

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my directions and my inquiry of the person(s) who manage the system or are directly responsible for gathering the information, the information submitted in this document is true, accurate and complete to the best of my knowledge and belief. I understand that there are penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

B. L. Black

Bruce L. Black, Vice President and General Manager

10/26/10

Date

**EXHIBIT A**  
**SEVERSTAL DEARBORN, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**JULY 1 - SEPTEMBER 30, 2010**  
**O AND M MONITORING**  
**B BLAST FURNACE**

REQUIREMENT	RESULTS
<b><u>GENERAL</u></b>	
Use of natural gas suppression	Furnace not in operation
Tap hole/trough natural gas suppression flow rate >= 135 scfm	Furnace not in operation
Record taphole/trough natural gas suppression flow rate once per cast	Furnace not in operation
Iron runners/iron spouts natural gas suppression flow rate >= 207 scfm	Furnace not in operation
Record iron runners/iron spouts natural gas suppression flow rate once per cast	Furnace not in operation
Gas lance usage requirements	Furnace not in operation
Trough and Iron runner covers in place	Furnace not in operation
<b><u>TAPHOLE AREA</u></b>	
Taphole Burned open	Furnace not in operation

**EXHIBIT A**  
**SEVERSTAL DEARBORN, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**JULY 1 - SEPTEMBER 30, 2010**  
**O AND M MONITORING**  
**B BLAST FURNACE**

<b>REQUIREMENT</b>	<b>RESULTS</b>
Visible emission observations within 5 mintutes of starting burning open of taphole	Furnace not in operation
drill bit <= 2" diameter	Furnace not in operation
Natural gas suppression operating continuously during specified times	Furnace not in operation
<b>TROUGH</b>	
Natural gas suppression operating continuously during specified times	Furnace not in operation
Sealing of covered area	Furnace not in operation
<b>IRON RUNNERS</b>	
Natural gas suppression operating continuously during specified times	Furnace not in operation
<b>IRON SPOUTS</b>	
Natural gas suppression operating continuously during specified times	Furnace not in operation
Heating of iron ladles	Furnace not in operation

**EXHIBIT C**  
**SEVERSTAL DEARBORN, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**JULY 1 - SEPTEMBER 30, 2010 O AND M MONITORING  
BASIC OXYGEN FURNACE**

REQUIREMENT	RESULTS
<b><u>GENERAL</u></b>	
Submit final Emission Control Alternatives to Reduce Emissions from Treadwell Cars Report to MDEQ	Report submitted on January 4, 2007
There shall be no visible emissions escaping into the shop through the expansion joints of the furnace hoods during oxygen blowing	Met every heat
<b><u>HOT METAL CHARGING</u></b>	
Hot metal charge into furnace shall not be less than 90 seconds in duration	No longer required
Furnace angle shall not be less than 320 degrees from the vertical at the beginning of the charge. The furnace angle shall not be less than 300 degrees at the end of charge, except when the hot metal charge duration is at least 120 seconds	No longer required
Humidification steam shall be in operation during hot metal charge	No longer required
Fugitive emission duct damper shall be fully opened during hot metal charge	No longer required
The furnace exhaust damper shall be fully opened during hot metal charge	No longer required
Area between the fugitive emission duct hood and furnace exhaust hood shall be totally covered with shrouds	No longer required

**EXHIBIT C**  
**SEVERSTAL DEARBORN, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**JULY 1 - SEPTEMBER 30, 2010 O AND M MONITORING  
BASIC OXYGEN FURNACE**

REQUIREMENT	RESULTS
<b>OXYGEN BLOWING</b>	
Fugitive emission duct damper shall be closed during oxygen blowing	No longer required
The furnace exhaust damper shall be fully opened during oxygen blowing	No longer required
Oxygen blow rate shall not exceed 24,500 scfm	No longer required
Oxygen blow rate shall be reduced to approximately 18,000 scfm during and between minutes 8 and 14 of the blow	No longer required
<b>TURNDOWN</b>	
If any emissions during initial turndown that are not captured by the furnace hood, upright vessel. If during a second turndown, there are any emissions that are not captured by the hood, there shall be no more turndowns for that heat	No longer required
<b>TAPPING</b>	
The furnace exhaust hood shall be used to capture emissions from all tapping operations until any addition of conditioners to the steel ladle are complete	No longer required

**EXHIBIT C**  
**SEVERSTAL DEARBORN, INC.**

**CIVIL ACTION NOS. 00-75452 AND 00-75454**

**JULY 1 - SEPTEMBER 30, 2010 O AND M MONITORING  
BASIC OXYGEN FURNACE**

<b>REQUIREMENT</b>	<b>RESULTS</b>
<b>ESP</b>	
Visible emission reading for the ESP stack for two consecutive hours each day one or more complete compartments is out of service	No longer required
<b>VESSEL OPERATIONS</b>	
Shall not hot metal charge and tap and hot metal charge and oxygen blow simultaneously	No longer required

## **EXHIBIT D**

**DEQ**  
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT  
REPORT CERTIFICATION**

Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.

Reports submitted pursuant to R 336.1213 (Rule 213), subrules (3)(c) and/or (4)(c), of Michigan's Renewable Operating Permit (ROP) program must be certified by a responsible official. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as specified in Rule 213(3)(b)(ii), and be made available to the Department of Environmental Quality, Air Quality Division upon request.

Source Name Severstal Dearborn, Inc. County Wayne

Source Address 4001 Miller Road City Dearborn

AQD Source ID (SRN) A8640 ROP No. 199700004 ROP Section No. 1

Please check the appropriate box(es):

**Annual Compliance Certification (Pursuant to Rule 213(4)(c))**

Reporting period (provide inclusive dates): From \_\_\_\_\_ To \_\_\_\_\_

1. During the entire reporting period, this source was in compliance with ALL terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference. The method(s) used to determine compliance is/are the method(s) specified in the ROP.
2. During the entire reporting period this source was in compliance with all terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference, EXCEPT for the deviations identified on the enclosed deviation report(s). The method used to determine compliance for each term and condition is the method specified in the ROP, unless otherwise indicated and described on the enclosed deviation report(s).

**Semi-Annual (or More Frequent) Report Certification (Pursuant to Rule 213(3)(c))**

Reporting period (provide inclusive dates): From \_\_\_\_\_ To \_\_\_\_\_

1. During the entire reporting period, ALL monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred.
2. During the entire reporting period, all monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred, EXCEPT for the deviations identified on the enclosed deviation report(s).

**Other Report Certification**

Reporting period (provide inclusive dates): From 07/01/10 To 09/30/10

Additional monitoring reports or other applicable documents required by the ROP are attached as described:

United States of America and Michigan Department of Environmental Quality v.

Severstal North America, Inc. - Civil Action Nos. 00-75452

and 00-75454, USAO File No. 1999 00492, DOJ Case No.90-5-2-1-2211/1 - Quarterly Report

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this report and the supporting enclosures are true, accurate and complete

Bruce L. Black V. P. and General Manager (313) 317-8955  
Name of Responsible Official (print or type) Title Phone Number

  
BL Black 10/26/10  
Signature of Responsible Official Date



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT  
DEVIATION REPORT**

Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.

This form may be submitted in conjunction with the Renewable Operating Permit Report Certification form (EQP 5736) to report deviations from all general conditions and special conditions in the Renewable Operating Permit (ROP) for which deviations required to be reported by R 336.1213 (Rule 213) subrule (3)(c) have occurred. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as specified in Rule 213(3)(b)(ii), and be made available to the Department of Environmental Quality, Air Quality Division, upon request. Items 1 - 8 must be completed for all deviations being reported.

Source Name Severstal Dearborn, Inc. County Wayne

Source Address 4001 Miller Road City Dearborn

AQD Source ID (SRN) A8640 ROP No. 199700004 ROP Section No. 1

ROP Section Contact James E. Earl Contact Phone No. (313) 845-3217

Reporting Period (provide inclusive dates): From 07/01/10 to 09/30/10

Report Type:  Annual  Semi Annual  Other (Describe) USEPA Consent Decree Quarterly Report

1. Group or Source Wide ID <u>EGBBFCASTHOUSE</u>	2. Condition No. <u>III.B.3.1</u>	3. Date(s) of Occurrence <u>Starting 07/1/10</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date <u>If Yes, Date</u>	5. Duration of Deviation <u>13 weeks</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Did not conduct weekly visible emission observations of roof monitor. See our January 11, 2008 letter to EPA for details.		
8. Reason for Deviation and Description of Corrective Action Taken Due to an eruption of B Blast Furnace on January 5, 2008, B Blast Furnace has not been in operation and therefore, Severstal was unable to perform the visible observations.				

1. Group or Source Wide ID <u>EGCBFBLEEDERS</u>	2. Condition No. <u>II.B</u>	3. Date(s) of Occurrence <u>7/3/10</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date <u>If Yes, Date</u>	5. Duration of Deviation <u>12 minutes</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation The highest six minute average opacity was 49% from the C BF bleeders.		
8. Reason for Deviation and Description of Corrective Action Taken Occurred during shutdown of furnace. Furnace was shutdown in accordance with our Startup Shutdown and Malfunction plan and shutdown procedures. No root cause has been determined.				

1. Group or Source Wide ID <u>EGBBFCASTHOUSE</u>	2. Condition No. <u>V.3</u>	3. Date(s) of Occurrence <u>Starting 07/1/10</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date <u>If Yes, Date</u>	5. Duration of Deviation <u>92 days</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Operation and maintenance practices were not utilized on an ongoing basis. See our January 11, 2008 letter to EPA for details.		
8. Reason for Deviation and Description of Corrective Action Taken Due to an eruption of B Blast Furnace on January 5, 2008, B Blast Furnace has not been in operation and therefore, Severstal was unable to utilize the operation and maintenance practices.				



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT  
DEVIATION REPORT**

*Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.*

This form may be submitted in conjunction with the Renewable Operating Permit Report Certification form (EQP 5736) to report deviations from all general conditions and special conditions in the Renewable Operating Permit (ROP) for which deviations required to be reported by R 336.1213 (Rule 213) subrule (3)(c) have occurred. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as specified in Rule 213(3)(b)(ii), and be made available to the Department of Environmental Quality, Air Quality Division, upon request. Items 1 - 8 must be completed for all deviations being reported.

Source Name Severstal Dearborn, Inc. County Wayne

Source Address 4001 Miller Road City Dearborn

AQD Source ID (SRN) A8640 ROP No. 199700004 ROP Section No. 1

ROP Section Contact James E. Earl Contact Phone No. (313) 845-3217

Reporting Period (provide inclusive dates): From 07/01/10 to 09/30/10

Report Type:  Annual  Semi Annual  Other (Describe) USEPA Consent Decree Quarterly Report

1. Group or Source Wide ID <u>EGCBFBLEEDERS</u>	2. Condition No. <u>II.B</u>	3. Date(s) of Occurrence <u>7/14/10</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>12 minutes</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation The highest six minute average opacity was 59% from the C BF bleeders.		
8. Reason for Deviation and Description of Corrective Action Taken Occurred during shutdown of furnace. Furnace was shutdown in accordance with our Startup Shutdown and Malfunction plan and shutdown procedures. No root cause has been determined.				

1. Group or Source Wide ID <u>EGCBFBLEEDERS</u>	2. Condition No. <u>II.B</u>	3. Date(s) of Occurrence <u>8/31/10</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>12 minutes</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation The highest six minute average opacity was 33% from the C BF bleeders.		
8. Reason for Deviation and Description of Corrective Action Taken Occurred during shutdown of furnace. Furnace was shutdown in accordance with our Startup Shutdown and Malfunction plan and shutdown procedures. No root cause has been determined.				

1. Group or Source Wide ID	2. Condition No.	3. Date(s) of Occurrence	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation		
8. Reason for Deviation and Description of Corrective Action Taken				

**SEVERSTAL DEARBORN, INC.**

**C BLAST FURNACE BLEEDER DISCHARGES**  
**3RD QUARTER 2010**

Date	Bleeders Opened	Visible Emissions Reading Start Time	Emissions End Time	Reason for Bleeder Discharge	Steps taken to minimize future discharges
7/3/2010	8:35 AM	8:35 AM	9:03 AM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to changing #11 tuyere	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
7/9/2010	8:20 AM	8:45 AM	8:45 AM	Bleeders opened as part of shutdown procedures during emergency shutdown of blast furnace due to a failed #2 blow pipe	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
7/14/2010	9:55 AM	9:55 AM	10:32 AM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace to repair north charge hopper relief valve	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
7/22/2010	3:10 PM	3:10 PM	3:20 PM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to Caster problems (breakout)	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
7/29/2010	6:05 PM	6:05 PM	6:17 PM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to Caster problems (stuck slab)	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
8/5/2010	7:51 AM	7:51 AM	8:08 AM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to Caster problems (stuck slab)	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
8/6/2010	12:19 PM	12:19 PM	12:38 PM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace (repair burnt oscillator wire)	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
8/7/2010	9:10 AM	9:10 AM	9:11 AM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to Caster problems (repair burnt oscillator control)	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
8/31/2010	6:47 PM	6:47 PM	VE readings ceased at 7 PM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to Caster problems (stuck slab)	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
9/4/2010	8:15 AM	8:15 AM	8:16 AM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to Caster problems	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
9/8/2010	11:08 AM	11:08 AM	11:23 AM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to changing #11 tuyere	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
9/9/2010	10:46 AM	10:46 AM	10:58 AM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to changing #8 tuyere	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.

Prepared by: J. E. Earl

October 25, 2010

**SEVERSTAL DEARBORN, INC.**

**C BLAST FURNACE BLEEDER DISCHARGES**  
**3RD QUARTER 2010**

Date	Bleeders Opened	Visible Emissions Reading Start Time	Emissions End Time	Reason for Bleeder Discharge	Steps taken to minimize future discharges
9/13/2010	4:04 PM	4:04 PM	4:16 PM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to changing #3 tuyere	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
9/22/2010	9:54 AM	9:54 AM	9:59 AM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to changing #18 tuyere and repair seal on south bleeder	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.

Prepared by: J. E. Earl

October 25, 2010

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	9-22-10
OBSERVER:	J. Earl
START:	9:54 am
FINISH:	10:04 am
Source:	C BF Bleeders
Observation Point	Gate 3 Parking Lot
distance from:	500'
direction from:	SF
source height:	250'
wind direction	W
wind speed	5-10
sky condition	Cloudy
amb. temp. (F)	67
color of emissions	Black/gray
other:	
Remarks:	Bleeders opened at 9:54AM

RECEIVED  
NOV 02 2010  
AIR ENFORCEMENT BUREAU

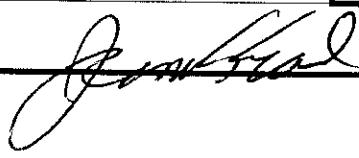
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24					9	54	50	30	30	30	
25						55	15	10	10	10	
26						56	5	5	5	5	
27						57	5	5	5	5	
28						58	5	0	0	0	
29						59	0	0	0	0	

Observer's Signature

Last Certification Date

April 1 2010

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	9/22/10
OBSERVER:	J. Earl
START:	9:54 am pm
FINISH:	10:04 am pm
Source:	CBF Bleachers
Observation Point	Gate 3 Parkins lot
distance from:	500'
direction from:	SE
source height:	250
wind direction	W
wind speed	5-10
sky condition	Cloudy
amb. temp. (F)	67
color of emissions	Gray/Black
other;	
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

April 11/2010

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	9/13/10
OBSERVER:	L. TRMB
START:	am 4:04pm
FINISH:	am 4:27pm
Source:	"C" Furnace Bleeders
Observation Point	West Boat Slip
distance from:	250'
direction from:	NW
source height:	250'
wind direction	NW
wind speed	5 mph
sky condition	clear
amb. temp. (F)	80°F
color of emissions	white
other;	
Remarks:	Bleeder opened C 4:04 pm
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4	40	25	20	20		34					
5	20	15	10	10		35					
6	5	5	10	10		36					
7	5	5	5	5		37					
8	0	0	0	0		38					
9	5	20	15	10		39					
10	10	10	10	5		40					
11	5	5	5	5		41					
12	0	0	5	5		42					
13	0	0	0	0		43					
14	5	5	5	0		44					
15	5	5	0	0		45					
16	0	0	0	0		46					
17	0	0	0	d		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	6	0	0		54					
25	0	0	0	c		55					
26	0	0	0	d		56					
27	0	0	0	0		57					
28						58					
29						59					

Last Certification Date

4/2010

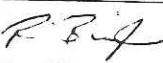
**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 7/8/10
OBSERVER: R. BINGHAM
START: 10:46 am pm
FINISH: 11:05 am pm
Source:
Black Furnace Decoupling
Observation Point
PCI Structure Parking lot
distance from: 200'
direction from: S
source height:
200'
wind direction NW
wind speed 5-10 mph
sky condition clear/suspected
amb. temp. (F) 55°-60°
color of emissions
Black/gray
other:
Remarks:
Observer's Signature

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46	20	0	0	0	
17						47	0	0	0	0	
18						48	0	20	40	40	
19						49	30	30	40	40	
20						50	40	20	20	0	
21						51	0	0	0	0	
22						52	0	0	0	20	
23						53	40	30	40	20	
24						54	20	10	20	10	
25						55	10	0	0	0	
26						56	0	0	0	0	
27						57	10	20	10	15	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date 4/2/10

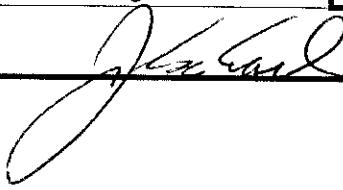
**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 8/8/10
OBSERVER: R. BINGHAM
START: 10:45 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
FINISH: 11:05 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
Source:
BLAST FURNACE BLASTOGENS
Observation Point
PCI STORAGE PARKING LOT
distance from: 300' <input checked="" type="checkbox"/> xx'
direction from: S/C
source height:
200'
wind direction NW
wind speed 5-10 MPH
sky condition SCATTERED
amb. temp. (F) 55-60°
color of emissions
Black/Grey
other:
Remarks;
Observer's Signature


11:00						11:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

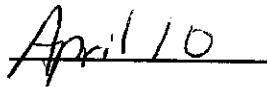
Last Certification Date 4/7/16

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	9-8-10
OBSERVER:	J. Earl
START:	11:08 am
FINISH:	11:23 am
Source:	CBF Bleeders
Observation Point	Fitness Center Entrance
distance from:	50'
direction from:	NE
source height:	250'
wind direction	NW
wind speed	20-25
sky condition	Cloudy
amb. temp. (F)	60
color of emissions	Black/gray
other;	Bleeder open at 11:08 AM
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8	65	55	50	45		38					
9	35	35	30	25		39					
10	20	20	20	20		40					
11	20	25	25	20		41					
12	15	15	15	15		42					
13	15	15	10	10		43					
14	15	10	10	10		44					
15	5	5	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	5	5		51					
22	5	0	0	0		52					
23	0	0	0	0		53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

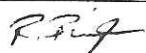
Last Certification Date

 April 10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 7/4/10
OBSERVER: R. Bingham
START: 8:15 am pm
FINISH: 8:20 am pm
Source:
BLAST FURNACE Blooming
Observation Point
Pct. Piping Line
distance from: 700
direction from: CSE
source height:
200'
wind direction W
wind speed 15-20 mph
sky condition clear
amb. temp. (F) 50°-55°
color of emissions
Black/Grey
other:
Remarks:
Observer's Signature

8:00						8:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15			80			45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					



Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 8/31/10
OBSERVER: R. Bingham
START: am 6:47 (pm)
FINISH: am 7:00 (pm)
Source:
PLATE FURNACE C
BLAST FURNACE
Observation Point
WEST SIDE OF BOAT SLIP
distance from: 100'
direction from: WNW
source height:
200
wind direction SW
wind speed 10-15 MPH
sky condition SCATTERED
amb. temp. (F) 85° - 90°
color of emissions
BLACK/GRAY
other;
Remarks;
Observer's Signature

6:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					60
18						48	30	0	0	0	
19						49	0	0	0	0	
20						50	0	0	80	80	
21						51	70	70	60	60	
22						52	50	50	40	50	
23						53	50	50	40	30	
24						54	30	30	40	30	
25						55	30	40	30	30	
26						56	30	25	30	25	
27						57	25	30	30	40	
28						58	30	30	30	30	
29						59	40	40	30	40	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

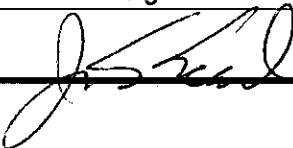
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10				80		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Debtor's Signature

R. B. M.

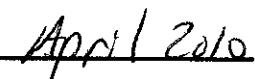
Last Certification Date 4/7/18

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

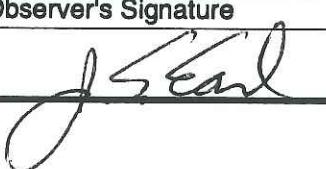
DATE:	8-6-10											
OBSERVER:	J. Earl											
START:	am 12:19 pm											
FINISH:	am 12:45 pm											
Source:	CBF Bleeders											
Observation Point	Gate 3 Parking Lot											
distance from:	500'											
direction from:	E											
source height:	250'											
wind direction	NW											
wind speed	10-15											
sky condition	Pt. Cl <sub>o-6</sub> /ly											
amb. temp. (F)	78											
color of emissions	Gray/White											
other;												
Remarks;	Bleeders opened at 12:19PM											
Observer's Signature												

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	20	20	15	15	
1						31	10	10	5	5	
2						32	5	5	5	5	
3						33	5	5	5	5	
4						34	5	5	5	5	
5						35	5	5	5	5	
6						36	5	5	5	5	
7						37	3	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44					
15						45					
16						46					
17						47					
18						48					
19	20	25	45	40		49					
20	40	35	40	35		50					
21	30	30	30	30		51					
22	25	25	20	20		52					
23	20	20	15	15		53					
24	15	25	20	20		54					
25	15	15	15	15		55					
26	15	10	10	10		56					
27	15	10	10	10		57					
28	10	10	10	10		58					
29	10	20	20	25		59					

Last Certification Date

 April 2010

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

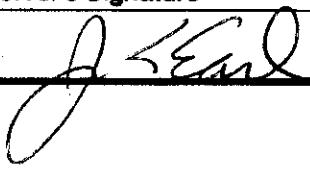
DATE:	8-5-10
OBSERVER:	J. Earl
START:	7:51 am pm
FINISH:	8:13 am pm
Source:	C BF Bleeders
Observation Point	Fitness Center Entrance
distance from:	500'
direction from:	NE
source height:	250
wind direction	NNW
wind speed	5-10
sky condition	Clear
amb. temp. (F)	73
color of emissions	Gray/white
other:	
Remarks:	Bleeders opened at 7:51AM
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51	40	25	20	20	
22						52	45	25	20	20	
23						53	15	15	15	15	
24						54	15	15	15	15	
25						55	20	15	15	10	
26						56	10	10	10	10	
27						57	10	10	10	10	
28						58	10	20	15	10	
29						59	10	5	5	5	

Last Certification Date

Apr. 1 2010

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

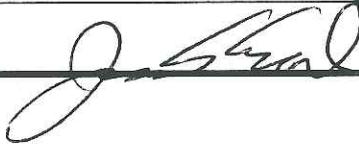
DATE:	8-5-10
OBSERVER:	J. Earl
START:	7:51 am pm
FINISH:	8:13 am pm
Source:	CBF Breeders
Observation Point	Fitness Center Entrance
distance from:	50'
direction from:	NE
source height:	250'
wind direction	W NW
wind speed	5-10
sky condition	Clear
amb. temp. (F)	73
color of emissions	Gray/white
other:	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	10	5	5	5		30					
1	5	5	5	5		31					
2	5	5	5	5		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	5		36					
7	5	5	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	8	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

April 2010

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7-29-10
OBSERVER:	J. Earl
START:	am 6:05 (pm)
FINISH:	am pm
Source:	CBF Bleeders
Observation Point	West Boat Slip Rd
distance from:	1000'
direction from:	W
source height:	250'
wind direction	NW
wind speed	~5
sky condition	pt. sunny
amb. temp. (F)	80
color of emissions	Black/Grey
other:	Bleeders
opened at 6:05pm	
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5	55	55	45	35		35					
6	30	30	30	25		36					
7	20	20	15	15		37					
8	15	10	10	15		38					
9	20	20	15	15		39					
10	20	20	15	10		40					
11	10	10	10	10		41					
12	10	10	10	10		42					
13	10	5	5	10		43					
14	5	5	5	5		44					
15	5	5	5	10		45					
16	5	5	5	5		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

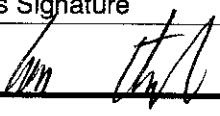
April 2010

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7-22-10
OBSERVER:	L. Trinh
START:	am 3:10 pm
FINISH:	am 3:30pm
Source:	"C" Furnace bleeders
Observation Point	West Boat Slip
distance from:	500'
direction from:	NE
source height:	250'
wind direction	1-3 mph
wind speed	SW
sky condition	Cloudy Cast
amb. temp. (F)	
color of emissions	White to grey
other:	
Remarks:	Bleeder open @ 3:10 pm

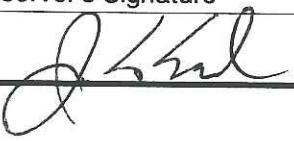
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10	30	30	20	20		40					
11	20	20	20	20		41					
12	20	20	20	20		42					
13	20	15	10	10		43					
14	5	10	10	10		44					
15	10	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5		48					
19	5	5	5	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature



Last Certification Date 4/2010

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

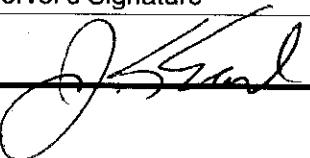
DATE:	7-14-10
OBSERVER:	J. Earl
START:	9:55 am
FINISH:	10:57 am
Source:	C BF Bleeder
Observation Point	Gate 3 Parking Lot
distance from:	800'
direction from:	SE
source height:	250'
wind direction	NE
wind speed	←
sky condition	Clear
amb. temp. (F)	73
color of emissions	Gray / Black
other:	Plugged hole @
	9:51 AM
Remarks:	Bleeder Opened at 9:55 AM
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25					9:	55	K	70	70	65	
26						56	65	60	60	60	
27						57	60	55	55	50	
28						58	50	45	45	45	
29						59	70	65	60	60	

Last Certification Date

April 2010

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7-14-10
OBSERVER:	J. Earl
START:	9:55 am
FINISH:	10:37 am
Source:	CBF Bleeders
Observation Point	Gate 3 parking lot
distance from:	800'
direction from:	SE
source height:	250'
wind direction	SNE
wind speed	5
sky condition	Clear
amb. temp. (F)	73
color of emissions	Grey/Black
other:	
Remarks:	
Observer's Signature	

10:30

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	60	60	50	50		30	5	5	5	5	
1	45	45	40	35		31	5	5	5	5	
2	30	30	40	40		32	0	0	0	0	
3	30	30	30	30		33	0	0	0	0	
4	35	35	30	30		34	0	0	0	0	
5	25	25	30	25		35	0	0	0	0	
6	25	25	20	20		36	0	0	0	6	
7	20	20	20	20		37	0	0	0	0	
8	20	20	20	15		38					
9	15	15	15	15		39					
10	15	15	10	10		40					
11	10	10	10	10		41					
12	10	10	10	10		42					
13	10	10	10	10		43					
14	10	10	10	10		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	10	10	10	10		48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Last Certification Date

April 2010

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/9/10
OBSERVER:	L. TRIN H.
START:	8:45 am
FINISH:	8:50 am
Source:	"C" Furnace Blowers
Observation Point	"CF" IPO East Parking lot
distance from:	500'
direction from:	SE
source height:	250'
wind direction	SW
wind speed	1-3 mph
sky condition	clear
amb. temp. (F)	71°F
color of emissions	white
other;	
Remarks;	Blowers opened @ 8:20 AM due to emergency shutdown

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

Last Certification Date

4/2010

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/3/10
OBSERVER:	J. Earl
START:	8:35 am
FINISH:	9:08 am
Source:	CBF Bleeders
Observation Point	Gate 3 Parking Lot
distance from:	800'
direction from:	SF
source height:	250'
wind direction	SW
wind speed	5 mph
sky condition	Clear
amb. temp. (F)	64
color of emissions	Gray/Black
other:	
Remarks:	Bleeders opened at 8:35A
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35	50	50	65	50	
6						36	55	40	40	40	
7						37	35	40	35	30	
8						38	30	30	30	30	
9						39	25	25	25	25	
10						40	20	20	20	20	
11						41	50	5	80	75	
12						42	65	60	60	60	
13						43	55	50	50	50	
14						44	40	40	40	40	
15						45	35	35	35	35	
16						46	35	35	35	30	
17						47	25	30	20	20	
18						48	15	15	15	15	
19						49	10	15	10	10	
20						50	10	10	10	10	
21						51	10	10	10	10	
22						52	10	5	5	5	
23						53	5	5	5	5	
24						54	5	5	5	5	
25						55	5	5	5	5	
26						56	5	5	5	5	
27						57	5	5	5	5	
28						58	5	5	5	5	
29						59	5	5	5	5	

Last Certification Date

April 2010

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/31/0
OBSERVER:	J. Earl
START:	8:35 am
FINISH:	9:08 am
Source:	CBF Breeders
Observation Point	Crater 3 Parking Lot
distance from:	800'
direction from:	SE
source height:	250'
wind direction	SW
wind speed	S
sky condition	Clear
amb. temp. (F)	64
color of emissions	Gray/Black
other;	
Remarks;	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	5	5	5		31					
2	5	5	5	5		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

April 12 2010

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	9/27/10
OBSERVER:	R. Bingham
START:	9:00 am
FINISH:	11:45 am
Source:	BOF ROOF MONITORS
Observation Point	R/R MAINT. BLDG. NEAR GATE 1
distance from:	200'
direction from:	SE
source height:	200'-250'
wind direction	NNE
wind speed	5-10 MPH
sky condition	OVERCAST
amb. temp. (F)	50°-55°
color of emissions	GREY UNLESS NOTED
other:	HOT NO'S. 584886 584887
Remarks:	<input checked="" type="checkbox"/> RUSTY COLOR.
+ NURIN END OF BOF	
Observer's Signature	R. Bingham

9:00					REMARKS	9:00					REMARKS
MIN	0	15	30	45		MIN	0	15	30	45	
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	25	30	▲	32	○	○	○	○	
3	25	35	20	15	▲	33	○	○	○	○	
4	10	10	5	0	▲	34	○	○	○	○	
5	0	0	0	0		35	○	○	○	○	
6	○	0	0	0		36	○	○	○	○	
7	○	0	0	0		37	○	○	○	○	
8	○	0	0	0		38	○	0	0	0	
9	○	0	0	0		39	○	0	0	0	
10	○	0	0	0		40	○	0	0	0	
11	○	0	0	0		41	○	0	0	0	
12	10	5	5	5	▲	42	○	0	0	0	
13	5	5	5	0	▲	43	○	0	0	0	
14	5	0	0	0		44	○	0	0	0	
15	0	0	0	0		45	○	0	0	0	
16	5	10	5	5	▲+	46	○	0	0	0	
17	5	0	0	0	▲+	47	○	0	0	0	
18	0	0	0	0		48	○	0	0	0	
19	0	0	0	0		49	○	0	0	0	
20	○	0	0	0		50	○	0	0	0	
21	○	0	0	0		51	○	0	0	0	
22	○	0	0	0		52	○	0	0	0	
23	○	0	0	0		53	○	0	0	0	
24	○	0	0	0		54	○	0	0	0	
25	○	0	0	0		55	○	15	15	10	▲
26	○	0	0	0		56	○	0	0	0	
27	○	0	0	0		57	○	0	0	0	
28	○	0	0	0		58	○	0	0	0	
29	○	0	0	0		59	○	0	0	0	

Last Certification Date 4/27/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/27/10
OBSERVER:	R. BINGHAM
START:	7:00 am pm
FINISH:	11:46 am pm
Source:	BOF ROOF MONITORS
Observation Point	R/R MAINS BLDG NO. 300 6916'
distance from:	2000'
direction from:	56°
source height:	200'-450'
wind direction	NNE
wind speed	5-10 mph
sky condition	OVERCAST
amb. temp. (F)	55°-60°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	<input checked="" type="checkbox"/> RUSTY COLOR
+ NORTHE END OF BOF	
- SOUTH END OF BOF	
Observer's Signature	R.B.F.

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5	<input type="radio"/>	<input type="radio"/>	10	10	<input checked="" type="checkbox"/>	35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6	5	0	0	0	<input checked="" type="checkbox"/>	36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7	<input type="radio"/>	<input type="radio"/>	5	10	<input checked="" type="checkbox"/>	37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8	5	5	5	5	<input checked="" type="checkbox"/>	38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9	10	15	10	5	<input checked="" type="checkbox"/>	39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
10	5	5	0	0	<input checked="" type="checkbox"/>	40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	5	<input checked="" type="checkbox"/>
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59	<input type="radio"/>	10	10	10	<input checked="" type="checkbox"/>

Last Certification Date 4/27/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	8/27/10
OBSERVER:	R. BINGHAM
START:	9:30 (am) pm
FINISH:	11:45 (am) pm
Source:	BOF ROOF MONITORS
Observation Point	R/R MINT. FLDS. NEAR GRIC 1
distance from:	2000'
direction from:	SE
source height:	200'-250'
wind direction	NNW
wind speed	5-10 MPH
sky condition	CLOUDY
amb. temp. (F)	55°-60°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	△ RUSTY COLOR
+ NORTHERN END OF BOF	
- SOUTHERN END OF BOF	
Observer's Signature	R. B. +

11:00						11:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	10	10	10	10	△+
1	○	○	○	○		31	10	10	5	5	△+
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	5	5	5	△
5	○	○	○	○		35	5	10	5	10	△
6	○	○	○	○		36	5	5	0	0	△
7	○	○	○	○		37	0	0	0	0	
8	○	○	○	○		38	0	0	0	0	
9	○	○	○	○		39	0	0	0	0	
10	○	○	○	○		40	0	0	0	0	
11	10	10	0	0	△	41	0	0	0	0	
12	○	○	○	○		42	0	0	0	0	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	0	0	0	0	
15	○	○	○	○		45	○	0	0	0	
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	10	10	△+	59					

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	9/20/10
OBSERVER:	R. Bingham
START:	9:25 am pm
FINISH:	11:25 am pm
Source:	BDF ROOF MUNITIONS
Observation Point	TRAINING CENTER POLICING LOT
distance from:	2000'
direction from:	E
source height:	200'-250'
wind direction	CNE
wind speed	0-5 mph
sky condition	overcast
amb. temp. (F)	60°-65°
color of emissions	WHITE UNLESS NOTED
other:	Heat No. 19434 58587
Remarks:	<input checked="" type="checkbox"/> RUSTY COLOR
Observer's Signature	R. B. -

9:00														
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS			
0						30	15	5	5	5	<input checked="" type="checkbox"/>			
1						31	5	10	5	5	<input checked="" type="checkbox"/>			
2						32	10	5	5	10	<input checked="" type="checkbox"/>			
3						33	5	10	5	10	<input checked="" type="checkbox"/>			
4						34	10	5	5	5	<input checked="" type="checkbox"/>			
5						35	5	5	5	5	<input checked="" type="checkbox"/>			
6						36	5	10	10	10	<input checked="" type="checkbox"/>			
7						37	5	5	5	10	<input checked="" type="checkbox"/>			
8						38	5	10	10	5	<input checked="" type="checkbox"/>			
9						39	0	5	0	0	<input checked="" type="checkbox"/>			
10						40	5	5	0	5	<input checked="" type="checkbox"/>			
11						41	5	0	5	0	<input checked="" type="checkbox"/>			
12						42	0	0	0	0				
13						43	0	0	0	0				
14						44	0	0	0	0				
15						45	0	0	0	0				
16						46	0	0	0	10	<input checked="" type="checkbox"/>			
17						47	15	10	5	0	<input checked="" type="checkbox"/>			
18						48	0	0	0	0				
19						49	0	0	0	0				
20						50	0	0	0	0				
21						51	0	0	0	0				
22						52	0	0	0	0				
23						53	0	0	0	0				
24						54	0	0	0	0				
25	0	0	0	0		55	0	0	0	0				
26	0	0	10	10	<input checked="" type="checkbox"/>	56	0	0	0	0				
27	10	5	15	10	<input checked="" type="checkbox"/>	57	0	0	0	0				
28	0	0	10	5	<input checked="" type="checkbox"/>	58	0	0	0	0				
29	5	5	10	10	<input checked="" type="checkbox"/>	59	0	0	0	0				

Last Certification Date

4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	8/20/10
OBSERVER:	R. DINGOMY
START:	7:25 am pm
FINISH:	11:25 am pm
Source:	PBF ROOF MONITORS
Observation Point	FLAWING CENTER PARKING LOT
distance from:	2000'
direction from:	E
source height:	400'-250'
wind direction	E
wind speed	5-10 mph
sky condition	OVERCAST
amb. temp. (F)	60°-65°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	<input checked="" type="checkbox"/> RUSTY COLOR
Observer's Signature	R. Dingomy

10:00														
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS			
0	0	0	0	0		30	0	0	0	0				
1	0	0	0	0		31	0	0	0	0				
2	0	0	0	0		32	0	0	0	0				
3	0	0	0	0		33	0	0	0	0				
4	0	0	0	0		34	0	0	0	0				
5	0	0	10	5		35	0	0	0	0				
6	0	10	5	0		36	0	0	0	0				
7	0	5	0	0		37	0	0	0	0				
8	0	0	0	0		38	5	10	5	5	▲			
9	0	0	0	0		39	0	0	0	0				
10	0	0	0	0		40	0	0	0	0				
11	0	0	0	0		41	0	0	0	0				
12	0	0	0	0		42	0	0	0	0				
13	0	0	0	0		43	0	0	0	0				
14	0	0	0	0		44	0	0	0	0				
15	0	0	0	0		45	0	0	0	0				
16	0	0	0	0		46	0	0	0	0				
17	0	0	0	0		47	0	0	0	0				
18	0	0	0	0		48	0	0	0	5	▲			
19	0	0	0	0		49	10	5	0	0	▲			
20	0	0	0	0		50	0	0	0	0				
21	0	0	0	0		51	0	0	0	0				
22	0	0	0	0		52	0	0	0	0				
23	0	0	0	0		53	0	0	0	0				
24	0	0	0	0		54	0	0	0	0				
25	0	0	0	0		55	0	0	0	0				
26	0	0	0	0		56	0	0	0	0				
27	0	0	0	0		57	0	0	0	0				
28	0	0	0	0		58	0	0	0	0				
29	0	0	0	0		59	0	0	0	0				

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	9/20/10
OBSERVER:	R. Bingham
START:	9:25 am pm
FINISH:	11:25 am pm
Source:	BUF ROOF MUNITIONS
Observation Point	TRAINING CENTER PARKING LOT
distance from:	2000'
direction from:	E
source height:	200'-250'
wind direction	E
wind speed	5-10 MPH
sky condition	OVERCAST
amb. temp. (F)	60-65°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	A RUSTY COLOR
Observer's Signature	R. B. B.

11:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○			47					
18	○	10	10	5	▲	48					
19	5	○	○	○	▲	49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/13/10
OBSERVER:	R. BINGHAM
START:	9:00 am pm
FINISH:	11:00 am pm
Source:	BDF ROOF MONITORS
Observation Point	R/n MAINT. DPL. NEAR GATE 1
distance from:	2000'
direction from:	SE
source height:	200'-250'
wind direction	N
wind speed	0-5 MPH
sky condition	CLEAR
amb. temp. (F)	55°-60°
color of emissions	WHITE UNLESS NOTED
other:	Heat Nos. 14244 96490 142411
Remarks:	△ RUSTY COLOR
Observer's Signature	R. B. J.

7:00						7:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	10	15	10	15	△	30	0	0	0	0	
1	5	10	5	15	△	31	0	0	0	0	
2	10	10	15	15	△	32	0	0	0	0	
3	10	5	10	10	△	33	0	0	0	0	
4	15	10	5	5	△	34	0	0	0	0	
5	5	10	5	10	△	35	0	0	0	0	
6	5	5	5	5	△	36	0	0	0	0	
7	10	5	5	5	△	37	0	0	0	0	
8	5	0	0	0	△	38	0	0	0	0	
9	0	0	0	0		39	10	10	10	5	△
10	0	0	0	0		40	0	0	0	5	△
11	0	0	0	0		41	5	5	0	5	△
12	0	0	0	0		42	5	0	5	5	△
13	0	0	0	0		43	0	5	5	5	△
14	0	0	0	0		44	5	0	0	0	△
15	0	0	0	0		45	5	0	5	5	△
16	0	0	0	0		46	5	0	5	0	△
17	0	0	0	0		47	5	5	5	5	△
18	0	0	0	0		48	5	0	0	5	△
19	0	0	0	0		49	5	5	0	5	△
20	0	0	0	0		50	5	5	0	0	△
21	0	0	0	0		51	0	0	5	0	△
22	0	0	0	0		52	5	5	5	5	△
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	5	△	54	5	0	0	5	△
25	10	5	0	0	△	55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 9/13/10
OBSERVER: R. Binsch
START: 9:00 am pm
FINISH: 11:00 am pm
Source:
BOF RAOF MONITORS
Observation Point
R/R MAINT. PLDL. NEAR 6050' I
distance from: 2000'
direction from: S6°
source height:
200'-250'
wind direction NW
wind speed 5-10 MPH
sky condition CLEAR
amb. temp. (F) 65-70°
color of emissions
WHITE UNLESS NOTED
other,
Remarks;
(A) RUSSIAN COLOR
(B) GREY COLOR
- SOUTH END OF BOF
Observer's Signature

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	5	0	A
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	5	0	0	A
6	0	0	0	0		36	5	0	0	0	A
7	0	0	0	0		37	0	5	0	5	A
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	10	10	A-
15	0	0	0	0		45	10	5	0	0	A-
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	10	10	A	51	0	0	0	10	A
22	10	10	5	5	A	52	20	20	20	15	A
23	0	0	10	10	A	53	10	0	0	0	A
24	0	0	0	0		54	0	0	0	15	A
25	0	0	0	0		55	15	15	10	5	A
26	0	0	0	0		56	5	5	5	5	A
27	0	0	0	0		57	5	5	5	5	A
28	0	0	0	5	A	58	5	5	5	5	A
29	5	0	5	0	A	59	5	10	5	10	A

Last Certification Date 4/1/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	5	A
1						31	0	0	5	0	A
2						32	5	5	5	5	A
3						33	5	10	5	5	A
4						34	5	0	0	5	A
5						35	5	0	0	0	A
6						36	0	0	0	5	A
7						37	0	5	5	0	A
8						38	0	0	0	0	
9						39	0	5	0	0	A
10						40	0	0	5	5	A
11						41	5	0	0	5	A
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	15	15	5	A
16						46	5	0	0	0	A
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	40	30	30	40	A	55	0	0	0	0	
26	40	20	10	5	A	56	0	0	0	0	
27	5	5	10	5	A	57	0	0	5	20	A
28	0	5	5	5	A	58	20	15	10	5	A
29	0	0	0	0		59	0	5	5	0	A

Last Certification Date 4/2/10

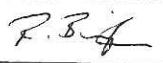
**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 9/2/10
OBSERVER: R. BINGHAM
START: 8:20 am pm
FINISH: 11:20 am pm
Source:
PF ROOF MONITORS
Observation Point
R/R MOUNT. BLDG. NEAR
SITE: 1
distance from: 2000'
direction from: SE
source height:
200-250'
wind direction SW
wind speed 15-26 MPH
sky condition SCATTERED
amb. temp. (F) 75°-80°
color of emissions
WHITE UNLESS NOTED
other:
Remarks;
<input checked="" type="checkbox"/> GRAY COLOR
<input checked="" type="checkbox"/> RUSTY COLOR
Observer's Signature

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	A	30	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1	30	26	20	15	A	31	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
2	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	A	32	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
3	5	5	5	10	A	33	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
4	20	10	5	5	A A	34	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
5	5	10	5	0	A	35	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		36	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		37	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		38	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		39	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		41	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		42	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		43	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		44	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		45	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		46	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		47	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		48	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		49	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
20	10	5	0	0	A	50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		51	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		52	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		53	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		54	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
25	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		55	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
26	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		56	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
27	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		57	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
28	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		58	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
29	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		59	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/2/10
OBSERVER:	R. Bingham
START:	8:20 am pm
FINISH:	11:20 am pm
Source:	BOF ROOF MONITORS
Observation Point	R/R MINT. BLDG. N.E.R.
gate 1	
distance from:	2000'
direction from:	SE
source height:	200' 250'
wind direction	SW
wind speed	20-25 MPH
sky condition	SCATTERED
amb. temp. (F)	80°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	      
(1) GRAY COLOR	
(2) RUSTY COLOR	
+ NORTH END OF BOF	
Observer's Signature	R.B. 

11:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	5	10	10	A	35					
6	15	10	15	15	A+	36					
7	15	10	0	0	A	37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	5	5	0	A	42					
13	0	10	5	0	A	43					
14	0	5	0	5	A	44					
15	5	0	5	5	A	45					
16	5	5	5	0	A	46					
17	5	5	0	0	A	47					
18	0	5	5	5	A	48					
19	5	5	0	0	A	49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 7/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 8/4/10
OBSERVER: R. Bingham
START: 8:30 am pm
FINISH: 10:30 am pm
Source:
130F FLOOR MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: E
source height:
200-250'
wind direction W
wind speed 15-20 mph
sky condition clear
amb. temp. (F) 50°-55°
color of emissions
WHITE UNLESS NOTED
other:
Heat Nos. 58376 19211
Remarks;
✓ grey color
Observer's Signature

8:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	10	20	△
9						39	30	30	20	15	△
10						40	10	15	10	10	△
11						41	5	5	5	0	△
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

R. Bingham

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 9/1/10
OBSERVER: R. BINGNOR
START: 8:30 am pm
FINISH: 10:30 am pm
Source:
130F ROOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: E
source height:
206-250'
wind direction NW
wind speed 10-15 MPH
sky condition SCATTERED
amb. temp. (F) 55°-60°
color of emissions
WHITE UNLESS NOTED
other:
Remarks:
△ GRAY COLOR
Observer's Signature

9:00						9:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	10	5	△	39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	5	5	○	△	42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

R. B. 

Last Certification Date 4/17/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 7/4/10
OBSERVER: R. BINGHAM
START: 9:30 (am) pm
FINISH: 10:30 (am) pm
Source:
BOF BOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: S
source height:
200'-250'
wind direction WNW
wind speed 10-15 mph
sky condition SCATTERED
amb. temp. (F) 55°-60°
color of emissions
WHITE UNLESS NOTED
other:
Remarks:
△ GREY COLOR
Observer's Signature

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	5	5	5	△	43					
14	○	○	5	10	△	44					
15	5	5	0	○	△	45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	○	○		59					

Last Certification Date 7/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 8/23/10
OBSERVER: R. BINGHAM
START: 10:15 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
FINISH: am 12:15 <input checked="" type="checkbox"/>
Source:
BOF ROOF MONITORS
Observation Point
R/R MAINT. BLDG. NEAR CIVIC
distance from: 2000'
direction from: SSW
source height:
200'-250'
wind direction NNE
wind speed 5-10 MPH
sky condition OVERCAST
amb. temp. (F) 70° 75°
color of emissions
WHITE UNLESS NOTED
other:
Heat Nos.
DART: 58248
58249
DART: 58250
Remarks:
<input checked="" type="checkbox"/> Rusty color
Observer's Signature

10:00						10:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	5	5	5	5	
2						32	5	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	10	10	5	<input checked="" type="checkbox"/>
7						37	10	5	0	0	<input checked="" type="checkbox"/>
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15	10	10	10	15	<input checked="" type="checkbox"/>	45	0	0	0	0	
16	5	10	5	5	<input checked="" type="checkbox"/>	46	0	0	0	0	
17	5	10	5	10	<input checked="" type="checkbox"/>	47	0	0	0	0	
18	0	5	0	0	<input checked="" type="checkbox"/>	48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	10	10	5	<input checked="" type="checkbox"/>
21	0	0	0	0		51	5	5	5	5	<input checked="" type="checkbox"/>
22	0	0	0	0		52	10	5	5	0	<input checked="" type="checkbox"/>
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	10	5	5	5	<input checked="" type="checkbox"/>
26	0	0	0	0		56	10	10	10	5	<input checked="" type="checkbox"/>
27	0	0	0	0		57	0	5	5	5	<input checked="" type="checkbox"/>
28	0	0	0	0		58	10	10	15	15	<input checked="" type="checkbox"/>
29	0	0	0	0		59	10	10	10	5	<input checked="" type="checkbox"/>

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 8/23/10
OBSERVER: R. BINGHAM
START: 10:15 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
FINISH: am 12:15 <input checked="" type="checkbox"/> pm
Source:
BLUFF ROOF MONITORS
Observation Point
MLR POINT, BLOCK NEAR GATE 1
distance from: 2000'
direction from: S E
source height:
200'-250'
wind direction N
wind speed 10-15 MPH
sky condition OVERCAST
amb. temp. (F) 70-75°
color of emissions
WHITE UNLESS NOTED
other:
Remarks:
<input checked="" type="checkbox"/> Hazy w/wm
Observer's Signature

11:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	10	<input checked="" type="checkbox"/>	30	0	0	0	0	
1	5	10	5	10	<input checked="" type="checkbox"/>	31	0	0	0	0	
2	10	10	10	10	<input checked="" type="checkbox"/>	32	0	0	0	0	
3	5	5	0	5	<input checked="" type="checkbox"/>	33	0	0	0	0	
4	5	5	5	10	<input checked="" type="checkbox"/>	34	0	0	0	0	
5	10	5	5	0	<input checked="" type="checkbox"/>	35	0	0	0	0	
6	5	0	0	0	<input checked="" type="checkbox"/>	36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	10	5	<input checked="" type="checkbox"/>
12	0	0	0	0		42	5	5	5	5	<input checked="" type="checkbox"/>
13	0	0	0	0		43	5	10	10	10	<input checked="" type="checkbox"/>
14	0	0	0	0		44	5	0	5	0	<input checked="" type="checkbox"/>
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	10	15	10	5	<input checked="" type="checkbox"/>
17	0	0	0	0		47	5	5	5	10	<input checked="" type="checkbox"/>
18	0	0	0	0		48	5	5	10	5	<input checked="" type="checkbox"/>
19	0	0	0	0		49	5	5	5	10	<input checked="" type="checkbox"/>
20	0	0	0	0		50	5	5	10	5	<input checked="" type="checkbox"/>
21	0	0	0	0		51	5	5	10	10	<input checked="" type="checkbox"/>
22	0	0	0	0		52	5	15	5	10	<input checked="" type="checkbox"/>
23	0	0	0	0		53	10	10	5	5	<input checked="" type="checkbox"/>
24	0	0	0	0		54	0	5	5	0	<input checked="" type="checkbox"/>
25	0	0	0	0		55	0	5	5	5	<input checked="" type="checkbox"/>
26	0	0	0	0		56	0	0	5	0	<input checked="" type="checkbox"/>
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 8/17/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	8/23/10
OBSERVER:	R. BINGHAM
START:	10:15 am pm
FINISH:	am 12:15 pm
Source:	BOF ROOF MONITORS
Observation Point	R1/R MAIN R. BLDG. NEAR 60' LF
distance from:	2000'
direction from:	SE
source height:	200'-250'
wind direction	N
wind speed	5-10 MPH
sky condition	overcast
amb. temp. (F)	70° F
color of emissions	white UNLESS NOTED
other:	
Remarks:	<input checked="" type="checkbox"/> RUSTY COLOR
Observer's Signature	R. Bingham

12:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 7/16/10
OBSERVER: R. BINGHAM
START: 8:00 am pm
FINISH: 10:00 am pm
Source:
BOF PROOF MONITORS
Observation Point
R/R MAINT. PLDG. NEAR GATE 1
distance from: 2000'
direction from: SE
source height:
200'-250'
wind direction USW
wind speed 5-10 MPH
sky condition CLOUDY
amb. temp. (F) 65°-70°
color of emissions
UNITE UNLESS NOTED
other;
Heat No.
50150
18901
Remarks;
<input checked="" type="checkbox"/> RUSTY COLOR
<input checked="" type="checkbox"/> GREY COLOR
Observer's Signature

8:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	15	15	10	5	<input checked="" type="checkbox"/>	30	0	0	0	0	
1	15	5	5	10	<input checked="" type="checkbox"/>	31	0	0	0	0	
2	5	5	0	0	<input checked="" type="checkbox"/>	32	0	10	10	5	<input checked="" type="checkbox"/>
3	0	0	0	0		33	10	10	5	5	<input checked="" type="checkbox"/>
4	0	0	0	0		34	10	5	15	15	<input checked="" type="checkbox"/>
5	0	0	0	0		35	5	5	0	0	<input checked="" type="checkbox"/>
6	0	0	0	0		36	0	10	10	5	<input checked="" type="checkbox"/>
7	0	0	0	0		37	15	15	10	5	<input checked="" type="checkbox"/>
8	0	0	0	0		38	15	10	10	10	<input checked="" type="checkbox"/>
9	0	0	0	0		39	15	10	10	10	<input checked="" type="checkbox"/>
10	0	0	0	0		40	15	5	10	15	<input checked="" type="checkbox"/>
11	0	0	0	0		41	20	15	10	5	<input checked="" type="checkbox"/>
12	0	0	0	0		42	10	15	10	10	<input checked="" type="checkbox"/>
13	0	0	0	0		43	15	15	10	5	<input checked="" type="checkbox"/>
14	0	0	0	0		44	10	5	10	10	<input checked="" type="checkbox"/>
15	0	0	0	0		45	10	15	15	5	<input checked="" type="checkbox"/>
16	0	0	0	0		46	15	10	15	15	<input checked="" type="checkbox"/>
17	0	0	0	0		47	15	10	10	10	<input checked="" type="checkbox"/>
18	0	0	0	0		48	10	5	15	5	<input checked="" type="checkbox"/>
19	0	0	0	0		49	5	5	5	0	<input checked="" type="checkbox"/>
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	10	10	10	<input checked="" type="checkbox"/>
25	0	0	0	0		55	10	10	5	5	<input checked="" type="checkbox"/>
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	20	<input checked="" type="checkbox"/>	58	0	0	0	0	
29	10	5	5	0	<input checked="" type="checkbox"/>	59	0	0	0	0	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	8/14/10
OBSERVER:	R. BINSCHMID
START:	7:00 am pm
FINISH:	10:00 am pm
Source:	BUR. ROOF MONITORS
Observation Point	R/R MAINT. BLDG. NEAR GATE 1
distance from:	2000'
direction from:	SE
source height:	200'-250'
wind direction	W
wind speed	5-10 MPH
sky condition	CLEAR
amb. temp. (F)	70°-75°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	<input checked="" type="checkbox"/> RUSTY COLOR <input checked="" type="checkbox"/> DARK COLOR
Observer's Signature	R.B.

7:00						10:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	20	A	44	○	○	○	○	
15	10	5	0	0	A	45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	5	A	47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date 4/1/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 8/11/10
OBSERVER: R. Bingham
START: 7:30 (am) pm
FINISH: 11:30 (am) pm
Source:
BOF ROOF MONITORS
Observation Point
R/R MINE, PLDL, NODA
GATE 1
distance from: 2000'
direction from: SE
source height:
200'-250'
wind direction 65°
wind speed 5-10 MPH
sky condition overcast
amb. temp. (F) 75° - 80°
color of emissions
white unless noted
other:
Heat Nos.
10912 10920
10913 10927
Remarks;
Observer's Signature

9:00						9:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

R. Bingham

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	9/11/10
OBSERVER:	R.Bingham
START:	9:30 am pm
FINISH:	11:30 am pm
Source:	130F ROOF MONITORS
Observation Point	R/R MAINS. BLDG. NEAR GATE 1
distance from:	2000'
direction from:	SE
source height:	200'-250'
wind direction	65°
wind speed	5-10 MPH
sky condition	BROKEN
amb. temp. (F)	75°-80°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	<input checked="" type="checkbox"/> GREY COLOR <input checked="" type="checkbox"/> RUSTY COLOR
Observer's Signature	R.Bing

10:00														
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS			
0	<input type="radio"/>	30	<input type="radio"/>											
1	<input type="radio"/>	31	<input type="radio"/>											
2	<input type="radio"/>	32	<input type="radio"/>											
3	<input type="radio"/>	33	<input type="radio"/>											
4	<input type="radio"/>	34	<input type="radio"/>											
5	<input type="radio"/>	35	<input type="radio"/>											
6	<input type="radio"/>	36	<input type="radio"/>											
7	<input type="radio"/>	37	<input type="radio"/>											
8	<input type="radio"/>	38	<input type="radio"/>											
9	<input type="radio"/>	39	<input type="radio"/>											
10	<input type="radio"/>	40	<input type="radio"/>											
11	<input type="radio"/>	41	<input type="radio"/>											
12	<input type="radio"/>	42	<input type="radio"/>											
13	<input type="radio"/>	43	<input type="radio"/>											
14	<input type="radio"/>	44	<input type="radio"/>											
15	<input type="radio"/>	45	<input type="radio"/>	<input type="radio"/>	10	15	<input checked="" type="checkbox"/>							
16	<input type="radio"/>	46	10	5	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>							
17	<input type="radio"/>	47	<input type="radio"/>											
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	10	<input checked="" type="checkbox"/>	48	<input type="radio"/>							
19	10	10	5	<input type="radio"/>	<input checked="" type="checkbox"/>	49	<input type="radio"/>							
20	<input type="radio"/>	50	<input type="radio"/>											
21	<input type="radio"/>	51	<input type="radio"/>											
22	<input type="radio"/>	52	<input type="radio"/>											
23	<input type="radio"/>	53	<input type="radio"/>											
24	<input type="radio"/>	54	<input type="radio"/>											
25	<input type="radio"/>	55	<input type="radio"/>											
26	<input type="radio"/>	56	<input type="radio"/>											
27	<input type="radio"/>	57	<input type="radio"/>											
28	<input type="radio"/>	58	<input type="radio"/>											
29	<input type="radio"/>	59	<input type="radio"/>											

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	8/11/10
OBSERVER:	R. B. BENSON
START:	7:30 am pm
FINISH:	11:30 am pm
Source:	BOF ROOF MONITORS
Observation Point	12/18 MAINT. BLDG. NEAR SITE 1
distance from:	2000'
direction from:	SE
source height:	200'-250'
wind direction	SE
wind speed	35-10 mph
sky condition	overcast
amb. temp. (F)	80-85°
color of emissions	white unless noted
other:	
Remarks:	<input checked="" type="checkbox"/> GRAY COLOR <input checked="" type="checkbox"/> RUSTY COLOR
Observer's Signature	R. B. J.

11:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		30					
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		31					
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32					
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		33					
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		34					
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		35					
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		36					
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		37					
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		38					
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		39					
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		40					
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41					
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		42					
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		43					
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		44					
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45					
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46					
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47					
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48					
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49					
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50					
21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		51					
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		52					
23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		53					
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54					
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55					
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56					
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57					
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58					
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59					

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 8/8/10
OBSERVER: R. BINGHAM
START: 7:00 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
FINISH: 11:00 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
Source:
BOP ROOF MONITORS
Observation Point
R/R MOUNT. BLDG. NEON
GATE 1
distance from: 2000'
direction from: SW
source height:
200'-250'
wind direction SW
wind speed 5-10 MPH
sky condition overcast
amb. temp. (F) 75°-80°
color of emissions
WHITE UNLESS NOTED
other:
Heat Nos. 18897 98095
Remarks:
<input checked="" type="checkbox"/> RUSTY COLOR
<input checked="" type="checkbox"/> GRAY COLOR
+ NARROW CMS OF BOPF
Observer's Signature

9:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	10	5	0	0	<input checked="" type="checkbox"/>
1	0	0	0	0		31	5	10	5	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	10	5	5	5	<input checked="" type="checkbox"/>	34	0	0	0	0	
5	5	5	0	0	<input checked="" type="checkbox"/>	35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	30	<input checked="" type="checkbox"/>
19	0	0	0	0		49	50	60	50	40	<input checked="" type="checkbox"/>
20	0	0	0	0		50	30	20	15	10	<input checked="" type="checkbox"/>
21	0	0	0	0		51	10	5	5	5	<input checked="" type="checkbox"/>
22	0	0	0	0		52	0	0	0	0	
23	0	0	10	15	<input checked="" type="checkbox"/>	53	0	5	5	5	<input checked="" type="checkbox"/>
24	15	15	10	10	<input checked="" type="checkbox"/>	54	5	10	5	0	<input checked="" type="checkbox"/>
25	5	0	0	0	<input checked="" type="checkbox"/>	55	10	5	10	10	<input checked="" type="checkbox"/>
26	0	0	0	0		56	10	5	5	5	<input checked="" type="checkbox"/>
27	0	0	0	0		57	5	10	10	5	<input checked="" type="checkbox"/>
28	0	0	0	0		58	5	5	10	5	<input checked="" type="checkbox"/>
29	0	0	5	10	<input checked="" type="checkbox"/>	59	5	10	10	15	<input checked="" type="checkbox"/>

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 9/9/10
OBSERVER: R. BINGHAM
START: 9:00 am pm
FINISH: 11:00 am pm
Source:
B OF ROOF MONITORS
Observation Point
R/R MAINT. BLDG. NEAR NOTE 1
distance from: 2000'
direction from: S E
source height:
200'-250'
wind direction SW
wind speed 5-10 MPH
sky condition overcast
amb. temp. (F) 75°-80°
color of emissions
WHITE UNLESS NOTED
other:
Remarks:
<input checked="" type="checkbox"/> RUSTY COLOR
<input checked="" type="checkbox"/> GREY COLOR
+ NORTHERN END OF BOF
- SOUTHERN END OF BOF
Observer's Signature

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	10	10	15	20	A	30	0	0	0	0	
1	10	15	5	10	A	31	0	0	0	0	
2	5	5	5	10	A	32	0	0	0	0	
3	5	10	10	10	A	33	0	0	0	0	
4	10	5	5	5	A	34	0	0	0	0	
5	10	5	10	5	A	35	0	0	0	0	
6	5	5	0	0	A	36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	5	5	5	A+
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	10	A-	43	0	0	0	0	
14	10	10	10	10	A-	44	0	0	0	0	
15	5	5	5	0	A-	45	0	0	0	5	A
16	0	0	0	0		46	5	5	5	0	A
17	0	0	0	0		47	0	5	5	0	A-
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	5	5	0	A
20	0	0	0	0		50	0	10	5	10	A
21	0	0	0	0		51	5	10	5	5	A
22	0	0	0	0		52	5	5	5	10	A
23	0	0	0	0		53	10	10	10	5	A
24	0	0	0	0		54	10	10	10	5	A
25	0	0	0	0		55	10	10	10	10	A
26	0	0	0	0		56	5	10	5	10	A
27	0	0	0	0		57	10	10	10	5	A
28	0	0	0	0		58	10	5	5	5	A
29	0	0	0	0		59	5	10	10	5	A

*R. Bingham*

Last Certification Date 9/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 8/2/10
OBSERVER: R. BINGHAM
START: 7:00 (am) pm
FINISH: 11:00 am pm
Source:
BOP ROOF MONITORS
Observation Point
R/R MAINT. BLDG. N/C on 611TC 1
distance from: 2000'
direction from: SE
source height:
200'-250'
wind direction SSW
wind speed 0-5 mph
sky condition CLOUDY
amb. temp. (F) 70°-75°
color of emissions
WHITE UNLESS NOTED
other:
Hdft INOS. 58039 58040
Remarks:
<input checked="" type="checkbox"/> RUSTY COLOR
Observer's Signature

7:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	10	10	A
1	0	0	0	0		31	5	0	0	5	A
2	0	0	0	0		32	5	5	10	5	A
3	0	0	0	0		33	5	10	10	10	A
4	0	0	0	0		34	5	10	10	5	A
5	0	0	0	0		35	10	5	5	5	A
6	0	0	0	0		36	10	5	5	5	A
7	0	0	0	0		37	5	5	0	0	A
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	10		49	0	0	0	0	
20	10	5	0	0		50	0	0	0	0	
21	0	0	0	5	A	51	0	0	0	0	
22	10	5	0	0	A	52	0	0	0	0	
23	0	0	10	5	A	53	0	0	0	0	
24	10	5	5	5	A	54	0	0	0	0	
25	10	5	5	5	A	55	0	0	0	0	
26	5	5	5	10	A	56	0	0	0	0	
27	5	5	5	5	A	57	0	0	0	0	
28	5	10	5	10	A	58	0	0	0	0	
29	5	5	10	10	A	59	0	0	0	0	

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 8/2/10
OBSERVER: R. BINGHAM
START: 7:00 am pm
FINISH: 11:00 am pm
Source:
130F ROOF MONITORS
Observation Point
R/R MAINT. BLDG. NEAR GATE 1
distance from: 2000'
direction from: 30°
source height:
200'-250'
wind direction WSW
wind speed 5-10 MPH
sky condition clear
amb. temp. (F) 75°-80°
color of emissions
WHITE UNLESS NOTED
other;
Remarks;
△ RUSTY COLOR
Observer's Signature

10:00						10:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	5	5	5		31	0	0	0	0	
2	5	5	5	5		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	8	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	5	5	0	5	△	40	0	0	0	0	
11	5	0	5	5	△	41	0	0	0	0	
12	10	5	5	5	△	42	0	0	0	10	△
13	5	5	5	5	△	43	15	15	10	10	△
14	10	10	10	5	△	44	5	5	10	5	△
15	5	15	15	10	△	45	10	5	5	0	△
16	5	5	10	10	△	46	0	5	10	0	△
17	5	5	10	10	△	47	0	0	0	10	△
18	10	10	10	10	△	48	0	0	0	0	
19	10	10	10	10	△	49	0	0	0	0	
20	10	10	10	10	△	50	0	10	5	10	△
21	5	10	10	10	△	51	5	5	5	5	△
22	15	10	10	10	△	52	5	0	5	0	△
23	10	10	5	5	△	53	0	0	5	5	△
24	5	5	0	0	△	54	5	5	5	5	△
25	0	0	0	0		55	0	10	0	10	△
26	0	0	0	0		56	5	5	0	0	
27	0	0	0	0		57	0	0	5	10	△
28	0	0	0	0		58	0	0	5	5	△
29	0	0	0	0		59	5	5	10	10	△

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/27/10
OBSERVER:	R. BINGHAM
START:	9:16 am pm
FINISH:	11:16 am pm
Source:	BOP ROOF MONITORS
Observation Point	121B MAINT. BLDG NEAR GATE 1
distance from:	2000'
direction from:	SE
source height:	200'-250'
wind direction	N
wind speed	0.5 MPH
sky condition	CLEAR
amb. temp. (F)	70°-75°
color of emissions	WHITE UNLESS NOTED
other:	Heat Nos. 579164 579165
Remarks:	  1 GRAY COLOR 2 RUSTY COLOR
+ END OF BOP	
Observer's Signature	R. Bingham

9:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	10	5	0	5	1
1						31	5	5	10	10	2
2						32	10	10	10	15	2
3						33	10	5	10	10	2
4						34	10	15	15	15	2
5						35	10	10	15	15	2
6						36	10	15	10	10	2
7						37	10	10	5	5	1
8						38	10	5	5	5	2
9						39	0	5	10	10	2
10						40	15	10	10	10	2
11						41	5	10	5	0	1
12						42	0	0	5	5	1
13						43	10	10	10	5	2+1
14						44	0	0	0	0	
15						45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	10	1	49	0	0	0	0	
20	15	15	10	5	1	50	0	0	0	0	
21	5	10	10	10	1	51	0	0	0	0	
22	10	5	5	0	1	52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	10	1	55	0	10	5	0	
26	10	5	10	10	1	56	0	0	0	0	
27	10	10	5	5	1	57	0	0	0	0	
28	0	5	10	10	1	58	0	0	0	0	
29	10	10	10	5	1	59	0	0	0	0	

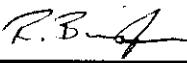
Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 7/27/10
OBSERVER: R. Bingham
START: 7:16 am pm
FINISH: 11:16 am pm
Source:
BOF ROOF MONITORS
Observation Point
R/R MAINT. BLDG. N/Cm
GATE 1
distance from: 2000'
direction from: S E
source height:
200'-250'
wind direction S S E
wind speed 0.5 mph
sky condition CLEAR
amb. temp. (F) 75°-80°
color of emissions
UNLESS OTHERWISE NOTED
other:
Remarks:
<input checked="" type="checkbox"/> grey color
<input checked="" type="checkbox"/> hazy color
+ remain end of BOF
Observer's Signature

10:00						10:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	5	0	5	5	<input checked="" type="checkbox"/>
1	○	○	○	○		31	5	5	5	5	<input checked="" type="checkbox"/>
2	○	○	○	○		32	0	5	5	5	<input checked="" type="checkbox"/>
3	○	○	○	○		33	5	10	10	5	<input checked="" type="checkbox"/>
4	○	○	○	○		34	5	5	5	5	<input checked="" type="checkbox"/>
5	○	○	○	○		35	5	5	10	5	<input checked="" type="checkbox"/>
6	○	○	○	○		36	5	5	5	5	<input checked="" type="checkbox"/>
7	○	○	○	○		37	0	5	10	5	<input checked="" type="checkbox"/>
8	○	○	○	○		38	5	5	5	5	<input checked="" type="checkbox"/>
9	○	○	○	○		39	5	5	0	5	<input checked="" type="checkbox"/>
10	○	○	○	○		40	5	0	0	0	<input checked="" type="checkbox"/>
11	○	○	○	○		41	5	5	0	0	<input checked="" type="checkbox"/>
12	○	○	○	○		42	0	0	0	0	
13	○	○	○	○		43	0	0	0	0	
14	○	○	○	○		44	0	0	0	0	
15	○	○	○	○		45	0	0	0	0	
16	○	○	○	○		46	0	0	0	0	
17	○	○	○	○		47	0	0	0	0	
18	○	○	○	○		48	0	0	0	0	
19	○	○	○	○		49	0	0	0	0	
20	○	○	○	○		50	0	0	0	0	
21	○	○	○	○		51	0	0	0	0	
22	○	○	○	○		52	0	0	0	0	
23	○	○	○	○		53	0	0	0	0	
24	○	○	○	○		54	0	0	0	0	
25	○	○	○	○		55	0	0	0	0	
26	○	○	○	○		56	0	0	0	0	
27	○	○	○	○		57	0	0	0	0	
28	○	○	○	○		58	0	0	0	0	
29	5	5	5	5	A	59	0	0	0	0	

Last Certification Date 4/2/10

Observer's Signature 

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/27/10
OBSERVER:	R. BINGHAM
START:	8:16 am pm
FINISH:	11:16 am pm
Source:	130F ROOF FURNACES
Observation Point	R/R MAIN, BLDG. N.E.A.
GATE:	1
distance from:	2000'
direction from:	SE
source height:	200'-250'
wind direction	SSW
wind speed	0-5 MPH
sky condition	SCATTERED
amb. temp. (F)	75°-80°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	<input checked="" type="checkbox"/> 1 GREY COLOR <input checked="" type="checkbox"/> 2 RUSTY COLOR
Observer's Signature	R. Bingham

11:00

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	5	5	△	41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 7/20/10
OBSERVER: R. Branson
START: 7:13 am pm
FINISH: 11:30 (am) pm
Source:
BOF ROOF MONISORS
Observation Point
R/R POINT, BLDG. NEON GATE 1
distance from: 2000'
direction from: SE
source height:
200'-250'
wind direction N
wind speed 0-5 MPH
sky condition Partly
amb. temp. (F) 65°-70°
color of emissions
WHISPER UNLESS NOTED
other;
Heat Nos.
10707
10708
Remarks;
Observer's Signature

7:00						7:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Observer's Signature

R. Branson

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 7/20/10
OBSERVER: R.BINGHAM
START: 8:18 am pm
FINISH: 11:30 am pm
Source:
BOF ROOF MONITORS
Observation Point
R/R MAINT. BLDG. NEAR GATE 1
distance from: 2000'
direction from: S
source height:
200'-250'
wind direction S
wind speed 0-5 MPH
sky condition BROKEN
amb. temp. (F) 70°-75°
color of emissions
WHITE UNLESS NOTED
other:
Remarks:
Observer's Signature

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

R.Bing

Last Certification Date 4/17/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 7/20/04
OBSERVER: R. BINGHAM
START: 7:17 <u>am</u> pm
FINISH: 11:30 <u>am</u> pm
Source:
13 OF ROOF MUNITIONS
Observation Point
R/R MAINT. PLD. NEAR GATE 1
distance from: 2000'
direction from: 3E
source height:
200' - 250'
wind direction SSE
wind speed 5-10 MPH
sky condition Partly
amb. temp. (F) 75-80°
color of emissions
UNISU UNLESS NOTED
other:
Remarks:
<u>A</u> LIGHT BROWN COLOR
Observer's Signature

11:00					REMARKS	11:00					REMARKS
MIN	0	15	30	45		MIN	0	15	30	45	
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	5	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	5		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	5	5	○	5		43					
14	10	10	10	10	A	44					
15	10	5	5	5	A	45					
16	5	5	5	5		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	5	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	10	10		56					
27	5	5	5	5		57					
28	5	30	15	15		58					
29	10	10	5	○		59					

Observer's Signature

R.Bing

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/12/10
OBSERVER:	R. BINGHAM
START:	9:00 am pm
FINISH:	11:00 am pm
Source:	BOF ROOF MONITORS
Observation Point	GROVEL AREA SOUTH OF COKE OVENS
distance from:	1000'
direction from:	SE
source height:	200'-250'
wind direction	SSW
wind speed	5-10 mph
sky condition	OVERCAST/RAIN
amb. temp. (F)	70°-75°
color of emissions	WHITE UNLESS NOTED
other:	Heat Ns. 57785 180006
Remarks:	<input checked="" type="checkbox"/> RUSTY COLOR <input checked="" type="checkbox"/> WHITE SMOKE
Observer's Signature	R. Bingham

9:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	10		32	0	0	0	0	
3	5	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	15	1
20	0	0	0	0		50	15	20	10	5	1
21	0	0	0	0		51	5	5	0	50	1
22	0	0	0	0		52	40	30	40	20	1A 2A
23	0	0	0	0		53	15	5	5	5	2
24	0	0	0	0		54	5	0	5	0	2
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 4/17/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 7/12/10
OBSERVER: R. Bincwom
START: 7:00 am pm
FINISH: 11:00 am pm
Source:
BUR ROOF MUNITIONS
Observation Point
CRANE AND SOUTH OF Coke Ovens
distance from: 1600'
direction from: SSW
source height:
200'-250'
wind direction SW
wind speed 5-10 mph
sky condition Partly
amb. temp. (F) 70°-75°
color of emissions
White unless noted
other:
Remarks:
<input checked="" type="checkbox"/> Rusty colors
<input checked="" type="checkbox"/> White smoke
Observer's Signature

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
12	<input type="radio"/>	<input type="radio"/>	10	10	<input checked="" type="radio"/>	42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
13	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48	<input checked="" type="radio"/>				
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/8/10
OBSERVER:	R. BINGHAM
START:	11:00 am
FINISH:	am 1:00 pm
Source:	BOF ROOF MUNISERS
Observation Point	K/R MAIN R. 13606. NGAN GATE 1
distance from:	2000'
direction from:	SE
source height:	200'-250'
wind direction	W
wind speed	0-5 MPH
sky condition	SCATTERED
amb. temp. (F)	85°-90°
color of emissions	WHITE UNLESS NOTED
other:	Heat Nos. 57745 57746
Remarks:	
Observer's Signature	R. B-4

11:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
13	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/3/10
OBSERVER:	R. BINGHAM
START:	11:00 am
FINISH:	am 1:00 pm
Source:	BDF ROLL MONITORS
Observation Point	R/R PAINT, ROLL, NEAR GATE 1
distance from:	2000'
direction from:	SE
source height:	200'-250'
wind direction	SW
wind speed	5-10 mph
sky condition	SCATTERED
amb. temp. (F)	85°-90°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	▲ RUSTY COLOR
Observer's Signature	<i>R. Bingham</i>

12:00							12:00						
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS		
0	○	○	○	○		30	○	○	○	○			
1	○	○	○	○		31	○	○	○	○			
2	○	○	○	○		32	○	○	○	○			
3	○	○	○	○		33	○	○	○	○			
4	15	20	25	20	▲	34	○	○	○	○			
5	15	10	5	5	▲	35	○	○	○	○			
6	○	○	○	○		36	○	○	○	○			
7	○	○	○	○		37	○	○	○	○			
8	○	○	○	○		38	○	○	○	○			
9	○	○	○	○		39	○	○	○	○			
10	○	○	○	○		40	○	○	○	○			
11	○	○	○	○		41	○	○	○	○			
12	○	○	○	○		42	○	○	○	○			
13	○	○	○	○		43	○	○	○	○			
14	○	○	○	○		44	○	○	○	○			
15	○	○	○	○		45	○	○	○	○			
16	○	○	○	○		46	○	○	○	○			
17	○	○	○	○		47	○	○	○	○			
18	○	○	○	○		48	○	○	○	○			
19	○	○	○	○		49	○	○	○	○			
20	○	○	○	○		50	○	○	○	○			
21	○	○	○	○		51	○	○	○	○			
22	○	○	○	○		52	○	○	○	○			
23	○	○	○	○		53	○	○	○	○			
24	○	○	○	○		54	○	○	○	○			
25	○	○	○	○		55	○	○	○	○			
26	10	5	5	○	▲	56	○	○	○	○			
27	○	○	○	○		57	○	○	○	○			
28	○	○	○	○		58	○	○	○	○			
29	○	○	○	○		59	○	○	○	○			

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/1/10
OBSERVER:	R. Bingham
START:	7:42 (am) pm
FINISH:	am, 11:30 PM
Source:	BOF ROOF MONITORS
Observation Point	R/R MAINS. BLDG NEAR GATE 1
distance from:	2000'
direction from:	SC
source height:	200-250
wind direction	N
wind speed	5-10 MPH
sky condition	CLEAR
amb. temp. (F)	60°-65°
color of emissions	WHITE UNLESS NOTED
other:	Heat Nos. 57468 57469
Remarks:	
Observer's Signature	<i>R. Bingham</i>

9:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
13						43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14						44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15						45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
16						46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
17						47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18						48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
19						49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
20						50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
21						51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22						52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23						53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24						54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25						55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26						56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27						57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28						58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29						59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	2/1/10
OBSERVER:	R. BINGHAM
START:	7:42 am
FINISH:	am 12:30 pm
Source:	BOF ROOF MONITORS
Observation Point	R/R MINTS, BLDG. N/C/N CATG 1
distance from:	2000'
direction from:	SE
source height:	200-250
wind direction	NNW
wind speed	5-10 MPH
sky condition	CLEAR
amb. temp. (F)	65-70°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	<input checked="" type="checkbox"/> RUSTY COLOR
Observer's Signature	R. BINGHAM

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	5	0	0	5	▲
14	○	○	○	○		44	5	5	0	0	▲
15	○	○	○	○		45	0	5	0	0	▲
16	○	○	○	○		46	5	5	0	0	▲
17	○	○	○	○		47	5	0	5	0	▲
18	○	○	○	○		48	5	0	0	0	▲
19	○	○	○	○		49	0	0	0	0	
20	○	○	○	○		50	5	0	5	0	▲
21	○	○	○	○		51	0	0	0	0	
22	○	○	○	○		52	0	0	0	0	
23	○	○	○	○		53	0	0	0	0	
24	○	○	○	○		54	0	0	0	0	
25	○	○	○	○		55	0	0	0	0	
26	○	○	○	○		56	0	0	0	0	
27	○	○	○	○		57	0	0	0	0	
28	○	○	○	○		58	0	0	0	0	
29	○	○	○	○		59	0	0	0	0	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 7/1/10
OBSERVER: R. BURKHARD
START: 9:42 am pm
FINISH: am 11:00 pm
Source: ISUF ROOF MONITOR
Observation Point: AIR MAINS BLDG. NEAR GATE 1
distance from: 2000'
direction from: SE
source height: 200'-250'
wind direction NC
wind speed 10-15 MPH
sky condition CLEAR
amb. temp. (F) 65°-70°
color of emissions: WHITE UNLESS NOTED
other:
Remarks: A RUSTY COLOR
Observer's Signature: R. Burk

11:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	0	A
1	0	0	0	0		-31	5	5	0	0	A
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	5	5	0	0	A
4	0	0	0	0		34	0	5	0	0	A
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	15	15	15	15	A	39	0	0	0	0	
10	5	0	0	0	A	40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	5	A	58	0	0	0	0	
29	5	10	5	5	A	59	0	0	0	0	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 7/1/10
OBSERVER: R.B. BIGHORN
START: 3:42 am pm
FINISH: am 12:30 pm
Source:
Bf Roof Housings
Observation Point
R/R MAINT. BLDG. NEAR GATE 1
distance from: 2000'
direction from: SE
source height:
200'-250'
wind direction N
wind speed 5-10 MPH
sky condition SCATTERED
amb. temp. (F) 65-70°
color of emissions
WHITE UNLESS NOTED
other:
Remarks:
<u>A RUSSY COLOR</u>
Observer's Signature

12:00						12:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	10	5	○	△	47					
18	○	○	○	○		48					
19	○	15	5	○	△	49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	5	○	○	△	53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	○	○		59					

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/29/10
OBSERVER:	R. BINGHAM
START:	11:10 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
FINISH:	am 1:20 <input checked="" type="checkbox"/> pm
Source:	BLAST FURNACE C CAST CAST NO. 10
Observation Point	GRAVEL AREA OFF ROAD "B"
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction	S
wind speed	0-5 mph
sky condition	CLEAR
amb. temp. (F)	60°-65°
color of emissions	WHITE OR LIGHT GREY
other:	DRILLED AT 11:27 PLUGGED AT 1:15
Remarks:	
Observer's Signature	R. BINGHAM

11:00						11:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
1						31	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
2						32	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
3						33	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
4						34	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
5						35	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
6						36	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
7						37	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
8						38	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
9						39	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		40	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		42	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		43	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		44	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		51	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		52	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		53	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	9/27/10
OBSERVER:	R. BINSNOL
START:	11:10 am pm
FINISH:	am 1:20 pm
Source:	BLAST FURNACE C EAST CAST HOUSE
Observation Point	GEAR WHEEL AREA OFF ROAD "B"
distance from:	600'
direction from:	S
source height:	25'-100'
wind direction	S
wind speed	0-5 mph
sky condition	CLEAR
amb. temp. (F)	60-65°
color of emissions	WHITE UNLESS
other:	PLUGGED AT 11:27 PLUGGED AT 1:15
Remarks:	△ BROWN/ROSY COLOR
Observer's Signature	<i>R. Binsnol</i>

12:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	10	10	5	0	△
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	10	5	△
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	5	0	0	
13	0	0	0	0		43	0	5	5	5	
14	0	0	0	0		44	0	5	5	5	
15	0	0	0	0		45	5	5	5	5	
16	0	0	0	0		46	5	5	5	5	
17	0	0	0	0		47	5	5	5	5	
18	0	0	0	0		48	5	5	5	5	
19	0	0	0	0		49	5	5	5	5	
20	0	0	0	0		50	5	10	10	5	
21	0	0	0	0		51	10	10	10	10	△
22	0	0	0	0		52	10	10	10	10	△
23	0	0	0	0		53	10	10	10	10	△
24	0	0	0	0		54	10	5	10	10	△
25	0	0	0	0		55	5	10	5	5	△
26	0	0	0	0		56	5	5	5	5	
27	0	0	0	5		57	10	10	10	0	△
28	5	0	0	0		58	5	5	10	0	△
29	0	0	0	0		59	0	0	5	5	

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	3/23/10
OBSERVER:	R. B. Nam
START:	11:10 (am) pm
FINISH:	am 1:20 (pm)
Source:	BLAST FURNACE C CAST CAST HOUSE Observation Point GRAVEL AREA OFF ROAD "B"
distance from:	600'
direction from:	s
source height:	75'-100'
wind direction	s
wind speed	0-5 MPH
sky condition	UNITE UNLESS NOTED
amb. temp. (F)	65°-70°
color of emissions	
other:	DRILLED AT 11:27 PLUGGED AT 1:15
Remarks:	BROWN / BROWN COLOR
Observer's Signature	<i>R. B. Nam</i>

1:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	0	5	0		30					
1	5	0	10	5	▲	31					
2	5	5	10	10	▲	32					
3	5	0	0	10	▲	33					
4	10	10	10	10	▲	34					
5	10	10	10	5	▲	35					
6	5	5	5	5		36					
7	10	5	5	5		37					
8	0	0	5	5		38					
9	10	10	10	10	▲	39					
10	5	10	5	10	▲	40					
11	10	5	5	5		41					
12	0	5	5	5		42					
13	5	5	5	10	▲	43					
14	20	20	20	15	▲	44					
15	10	10	5	5	▲	45					
16	0	0	0	5		46					
17	5	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 8/20/04
OBSERVER: R. BINGHAM
START: 11:47 (am) pm
FINISH: am 12:45 (pm)
Source:
BLAST FURNACE C
NORIN CAST HOUSE
Observation Point
WEST SIDE OF BOAT SLIP
distance from: 800'
direction from: w
source height:
75'-100'
wind direction c
wind speed 5-10 mph
sky condition overcast
amb. temp. (F) 60°-65°
color of emissions
WHITE UNLESS NOTED
other:
DRILLED AT 11:48
PLUGGED AT 12:37
Remarks:
Observer's Signature

11:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18						48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
19						49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
20						50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
21						51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22						52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23						53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24						54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25						55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26						56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27						57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28						58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29						59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 8/20/10
OBSERVER: R.BINKHAM
START: 11:47 <input checked="" type="radio"/> am <input type="radio"/> pm
FINISH: am 12:45 <input checked="" type="radio"/> pm
Source:
BLAST FURNACE C
NORTH CAST HOUSE
Observation Point
WEST SIDE OF BOAT SLIP
distance from: 800'
direction from: 0
source height:
75'-100'
wind direction
wind speed @ 5-10 MPH
sky condition OVERCAST
amb. temp. (F) 60°-65°
color of emissions
WHITE UNLESS NOTED
other:
DRILLED AT 11:48
PLUGGED AT 12:37
Remarks:
<input checked="" type="checkbox"/> RUSTY COLOR
Observer's Signature

12:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	10	10	10	10	<input checked="" type="checkbox"/>
1	5	5	5	10		31	5	5	0	0	
2	5	5	5	0		32	0	0	0	0	
3	0	0	0	5		33	5	0	0	5	
4	5	0	0	0		34	5	5	5	5	
5	0	0	0	0		35	5	5	5	5	
6	5	5	5	5		36	5	5	10	10	
7	5	10	5	5		37	5	10	15	10	<input checked="" type="checkbox"/>
8	5	5	5	5		38	10	5	0	0	<input checked="" type="checkbox"/>
9	5	10	5	5		39	0	0	0	0	
10	5	5	5	0		40	0	0	0	0	
11	5	5	0	0		41	0	0	0	0	
12	5	5	5	5		42	0	0	0	0	
13	5	5	5	5		43	0	0	0	0	
14	5	5	5	5		44	0	0	0	0	
15	5	5	10	10		45	0	0	0	0	
16	10	5	10	10		46					
17	15	10	15	20	<input checked="" type="checkbox"/>	47					
18	15	15	10	10	<input checked="" type="checkbox"/>	48					
19	10	10	10	15	<input checked="" type="checkbox"/>	49					
20	10	10	10	10		50					
21	10	10	10	5		51					
22	5	10	5	10	<input checked="" type="checkbox"/>	52					
23	15	10	10	15	<input checked="" type="checkbox"/>	53					
24	15	10	15	15	<input checked="" type="checkbox"/>	54					
25	15	15	15	15	<input checked="" type="checkbox"/>	55					
26	10	10	10	5	<input checked="" type="checkbox"/>	56					
27	0	0	0	5	<input checked="" type="checkbox"/>	57					
28	0	0	0	5		58					
29	5	10	10	10	<input checked="" type="checkbox"/>	59					

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/14/01
OBSERVER:	R. BINGHAM
START:	am 12:40 pm
FINISH:	am 2:05 pm
Source:	BLAST FURNACE C CAST CAST NO. 6
Observation Point	GRAVEL AREA OFF ROAD "13"
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction	WNW
wind speed	5-10 MPH
sky condition	CLEAR
amb. temp. (F)	65°-70°
color of emissions	WHITE UNLESS NOTED
other:	DRILLED AT 12:46 PLUGGED AT 2:00
Remarks:	<input checked="" type="checkbox"/> RUSTY COLOR <input checked="" type="checkbox"/> YELLOW COLOR FROM GROUND
Observer's Signature	R. BINGHAM

12:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	10	A
16						46	10	5	0	0	A
17						47	0	0	0	0	
18						48	0	0	0	5	
19						49	0	0	10	5	A
20						50	5	0	0	0	A
21						51	0	10	10	10	A
22						52	10	10	0	0	A
23						53	5	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date 4/7/01

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	8/14/10
OBSERVER:	R. BINGHAM
START:	am 12:40 pm
FINISH:	am 2:05 pm
Source:	BLAST FURNACE C CAST CAST HOUSE
Observation Point	GROVEL AREA OFF ROAD "B"
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction	N
wind speed	5-10 MPH
sky condition	CLOUDY
amb. temp. (F)	65°-70°
color of emissions	WHITE UNLESS NOTED
other:	DRILLED AT 12:46 PLUGGED AT 2:00
Remarks:	<input checked="" type="checkbox"/> RUSTY COLOR <input checked="" type="checkbox"/> YELLOW COLOR FROM GROUND
Observer's Signature	R. Bingham

1:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	5	0	5	
1	0	0	0	0		31	5	5	0	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	10	5	5	
4	0	0	0	0		34	5	10	10	5	
5	0	0	0	0		35	5	5	5	5	
6	0	0	0	0		36	5	5	5	5	
7	5	10	5	5	▲	37	5	5	5	5	
8	5	0	0	0	▲	38	5	5	5	5	
9	0	0	5	10	▲	39	5	10	10	15	▲
10	5	0	5	0	▲	40	10	5	5	5	▲
11	0	0	0	0		41	5	5	5	5	
12	0	0	0	0		42	5	5	5	10	
13	0	0	0	0		43	10	10	10	10	
14	0	0	0	5		44	10	10	5	5	
15	0	0	0	0		45	5	5	5	5	
16	0	0	0	0		46	5	5	5	5	
17	5	0	5	0		47	5	10	5	5	
18	5	5	5	5		48	10	5	10	5	
19	5	5	5	5		49	5	5	5	10	
20	5	5	5	5		50	5	5	10	10	
21	5	5	5	5		51	5	5	5	5	
22	5	5	5	5		52	10	10	10	10	
23	5	5	5	5		53	5	5	5	5	
24	5	5	10	5		54	5	5	5	5	
25	5	5	5	0		55	5	5	5	5	
26	0	0	5	0		56	5	10	5	10	
27	0	0	0	0		57	10	10	10	10	
28	0	0	0	5		58	10	10	10	10	
29	5	0	0	0		59	10	10	10	15	▲

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 9/14/10
OBSERVER: R. BISHOP
START: am 12:40 pm
FINISH: am 2:00 pm
Source:
BLAST FURNACE C
Observation Point
GRAVEL AREA OFF ROAD "B"
distance from: 600'
direction from: S
source height:
75' - 100'
wind direction NW
wind speed 10-15 MPH
sky condition CLEAR
amb. temp. (F) 70°-75°
color of emissions
other:
DRILLED AT 12:46
PLUGGED AT 2:00
Remarks;
A RUSTY COLOR
A YELLOW COLOR FROM GROUND
Observer's Signature

2:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	20	15	10	10	/1	30					
1	5	5	5	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	3/10/10
OBSERVER:	R. BINGHAM
START:	10:10 am pm
FINISH:	11:44 am pm
Source:	BLAST FURNACE C CAST CAST HOUSE
Observation Point	GRAVEL DRAG OFF ROAD "B"
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction	E
wind speed	5-10 MPH
sky condition	Scattered
amb. temp. (F)	60°-65°
color of emissions	white UNLESS NOTED
other:	DRILLED AT 10:18 PLUGGED AT 11:37
Remarks:	
Observer's Signature	R. B. J.

10:10					10:30					REMARKS
MIN	0	15	30	45	MIN	0	15	30	45	REMARKS
0					30	○	○	○	○	
1					31	○	○	○	○	
2					32	○	○	○	○	
3					33	○	○	○	○	
4					34	○	○	○	○	
5					35	○	○	○	○	
6					36	○	○	○	○	
7					37	○	○	○	○	
8					38	○	○	○	○	
9					39	○	○	○	○	
10	○	○	○	○	40	○	○	○	○	
11	○	○	○	○	41	○	○	○	○	
12	○	○	○	○	42	○	○	○	○	
13	○	○	○	○	43	○	○	○	○	
14	○	○	○	○	44	○	○	○	○	
15	○	○	○	○	45	○	○	○	○	
16	○	○	○	○	46	○	○	○	○	
17	○	○	○	○	47	○	○	○	○	
18	○	○	○	○	48	○	○	○	○	
19	○	○	○	○	49	○	○	○	○	
20	○	○	○	○	50	○	○	○	○	
21	○	○	○	○	51	○	○	○	○	
22	○	○	○	○	52	○	○	○	○	
23	○	○	○	○	53	○	○	○	5	
24	○	○	○	○	54	5	5	5	5	
25	○	○	○	○	55	5	5	5	5	
26	○	○	○	○	56	5	5	10	10	
27	○	○	○	○	57	10	10	5	5	
28	○	○	○	○	58	○	○	○	○	
29	○	○	○	○	59	○	○	○	○	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/10/10
OBSERVER:	R. Bingham
START:	10:10 am
FINISH:	11:44 pm
Source:	BLAST FURNACE C CAST CAST NO. 1
Observation Point	GRAVEL DRUG OFF ROAD "B"
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction	NNE
wind speed	5-10 mph
sky condition	BROKEN
amb. temp. (F)	65°-70°
color of emissions	WHITE UNLESS NOTED
other:	DRILLED AT 10:18 PLUGGED AT 11:39
Remarks:	
Observer's Signature	<i>R. Bingham</i>

11:00

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	5	5	5	
1	0	5	0	0		31	10	10	10	10	
2	0	0	0	0		32	5	5	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	5	5	5	
5	0	0	0	0		35	0	5	5	5	
6	0	0	0	0		36	5	5	5	5	
7	0	0	0	5		37	5	0	0	0	
8	5	0	0	0		38	0	0	0	0	
9	5	5	5	5		39	0	0	0	0	
10	5	0	5	5		40	0	0	0	0	
11	5	5	5	0		41	5	5	0	0	
12	5	0	5	5		42	0	0	0	0	
13	5	5	0	0		43	0	0	0	0	
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	5		48					
19	5	5	5	5		49					
20	10	10	10	10		50					
21	10	5	5	0		51					
22	5	0	0	0		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	0	5		55					
26	5	0	0	5		56					
27	5	5	5	0		57					
28	0	0	0	5		58					
29	0	5	0	0		59					

Last Certification Date

*4/17/10*

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	8/30/10
OBSERVER:	R. BINGHAM
START:	am 1:06 <b>(pm)</b>
FINISH:	am 2:30 <b>(pm)</b>
Source:	Blast Furnace C East Coast House
Observation Point	GROVE AND OFF ROAD "B"
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction	N
wind speed	0-5 mph
sky condition	SCATTERED
amb. temp. (F)	75° - 80°
color of emissions	WHITE UNLESS NOTED
other:	DRIED AT 1:08 PLUGGED AT 2:25
Remarks:	
Observer's Signature	<i>R. B. B.</i>

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	5	5	
12	0	0	0	0		42	5	5	5	5	
13	0	0	0	0		43	5	5	5	5	
14	0	0	0	0		44	5	10	5	5	
15	0	0	0	0		45	5	5	5	5	
16	0	0	0	0		46	5	5	5	5	
17	0	0	0	0		47	5	5	0	5	
18	0	0	0	0		48	5	0	0	0	
19	0	0	0	0		49	5	0	5	5	
20	0	0	0	0		50	5	5	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	5	0	0	
23	0	0	0	0		53	5	10	5	5	
24	0	0	0	0		54	5	0	5	5	
25	0	0	0	0		55	5	5	5	5	
26	0	0	0	0		56	5	5	5	5	
27	0	0	0	0		57	10	5	10	10	
28	0	0	0	0		58	10	5	10	5	
29	0	0	0	0		59	5	10	5	10	

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	8/30/10
OBSERVER:	R. BINGHAM
START:	am 1:06 (pm)
FINISH:	am 2:30 (pm)
Source:	BLAST FURNACE C CAGE CAR 5 NO. 10
Observation Point	GRAVEL AREA OFF ROAD "B"
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction	N
wind speed 0-5 mph	
sky condition	SCATTERED
amb. temp. (F)	75° 70°
color of emissions	WHITE UNLESS NOTED
other:	DRILLED AT 1:08 PULLED AT 2:25
Remarks:	▲ RUSTY COLOR
Observer's Signature	R.B.J.

2:00						3:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	5	5	0		31					
2	5	10	5	5		32					
3	5	0	5	0		33					
4	0	10	10	10		34					
5	10	10	10	10		35					
6	5	10	10	10		36					
7	5	10	10	15		37					
8	10	10	10	10		38					
9	15	15	15	15		39					
10	10	15	10	10		40					
11	10	10	10	5		41					
12	5	10	5	10		42					
13	10	0	10	10		43					
14	5	10	10	10		44					
15	0	0	0	5		45					
16	5	5	5	10		46					
17	5	5	5	10		47					
18	5	10	10	15		48					
19	10	10	10	10		49					
20	10	0	5	5		50					
21	10	5	0	5		51					
22	5	5	0	0		52					
23	5	10	5	5		53					
24	15	10	5	15	▲	54					
25	15	15	10	10	▲	55					
26	10	10	5	5		56					
27	5	5	5	0		57					
28	5	5	5	5		58					
29	5	5	5	0		59					

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	8/24/10
OBSERVER:	R. BINGHAM
START:	am 12:25 pm
FINISH:	am 2:27 pm
Source:	BLAST FURNACE C CUPR CAST HOUSE
Observation Point	GRAVEL ROAD OFF ROAD "B"
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction	ENE
wind speed	5-KMPH
sky condition	broken
amb. temp. (F)	70-75°
color of emissions	white unless noted
other:	DRILLED AT 12:34 PLUGGED AT 2:21
Remarks:	
Observer's Signature	<i>R. Bingham</i>

12:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	8/24/10
OBSERVER:	R. BINGHAM
START:	am 12:25 <input checked="" type="checkbox"/>
FINISH:	am 2:27 <input checked="" type="checkbox"/>
Source:	BLAST FURNACE C CAST CAST HOUSE Observation Point CRAVEN AREA OFF ROAD "B"
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction	N
wind speed	5-10 MPH
sky condition	BROKEN
amb. temp. (F)	75°-80°
color of emissions	
UNITS UNLESS NOTED	
other:	DRILLED AT 12:34 PLUGGED AT 2:21
Remarks:	
Observer's Signature	<i>R. B. Bingham</i>

1:00															
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS				
0	○	○	○	○		30	○	○	○	○					
1	○	○	○	○		31	○	○	○	○					
2	○	○	○	○		32	○	○	○	○					
3	○	○	○	○		33	○	○	○	○					
4	○	○	○	○		34	○	○	○	○					
5	○	○	○	○		35	○	○	○	○					
6	○	○	○	○		36	○	○	○	○					
7	○	○	○	○		37	○	○	○	○					
8	○	○	○	○		38	○	○	○	○					
9	○	○	○	○		39	○	○	○	○					
10	○	○	○	○		40	○	○	○	○					
11	○	○	○	○		41	○	○	○	○					
12	○	○	○	○		42	○	○	○	○					
13	○	○	○	○		43	○	○	○	○					
14	○	○	○	○		44	○	○	○	○					
15	○	○	○	○		45	○	○	○	○					
16	○	○	○	○		46	○	○	○	○					
17	○	○	○	○		47	○	○	○	○					
18	○	○	○	○		48	○	○	○	○					
19	○	○	○	○		49	○	○	○	○					
20	○	○	○	○		50	○	○	○	○					
21	○	○	○	○		51	○	○	○	○					
22	○	○	○	○		52	○	○	○	○					
23	○	○	○	○		53	○	○	○	○					
24	○	○	○	○		54	○	○	○	○					
25	○	○	○	○		55	○	○	○	○					
26	○	○	○	○		56	○	○	○	○					
27	○	○	○	○		57	○	○	○	○					
28	○	○	○	○		58	○	○	○	○					
29	○	○	○	○		59	○	○	○	○					

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	8/24/04
OBSERVER:	R. BINGHAM
START:	am 12:45 <b>pm</b>
FINISH:	am 2:27 <b>pm</b>
Source:	Blast Furnace C
	East Cast House
Observation Point	Gravel area off road "B"
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction	SE
wind speed	5-10 mph
sky condition	overcast
amb. temp. (F)	75°-80°
color of emissions	white unless noted
other:	DRILLED AT 12:34 PLUGGED AT 2:21
Remarks:	
Observer's Signature	<i>R. Bingham</i>

2:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	5	5	0		35					
6	0	0	0	0		36					
7	0	5	0	0		37					
8	5	0	0	0		38					
9	0	0	5	5		39					
10	0	5	0	5		40					
11	0	0	5	0		41					
12	0	0	0	0		42					
13	5	0	0	0		43					
14	0	0	0	0		44					
15	5	5	0	0		45					
16	0	5	5	5		46					
17	5	5	5	5		47					
18	0	0	5	5		48					
19	0	0	5	5		49					
20	5	0	5	5		50					
21	5	0	5	0		51					
22	0	0	5	5		52					
23	5	5	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27						57					
28						58					
29						59					

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 8/18/10
OBSERVER: R.Brunom
START: 11:35 (am) pm
FINISH: am 2:00 (pm)
Source:
Blast Furnace
NORTH EAST NOSE
Observation Point
BY FENCE NEAR PK1 SILO
distance from: 700'
direction from: ESE
source height:
75'-100'
wind direction NW
wind speed 5-10 MPH
sky condition scattered
amb. temp. (F) 65°-70°
color of emissions
WHITE UNLGST NOTED
other:
DRILLED AT 11:45
PLUGGED AT 1:54
Remarks:
Observer's Signature

11:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	8/13/10
OBSERVER:	R. Binkman
START:	11:35 am pm
FINISH:	am 2:00 pm
Source:	BLAST FURNACE C NORTN CCRS HOUSE
Observation Point	BY FENCE N/CORE RTI SCA
distance from:	700'
direction from:	ESG
source height:	75'-100'
wind direction	W
wind speed	5-10 mph
sky condition	SCATTERED
amb. temp. (F)	70-75°
color of emissions	WHITE UNLESS NOTED
other:	DRILLED AT 11:46 PLUGGED AT 1:54
Remarks:	
Observer's Signature	<i>R. Binkman</i>

12:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	5	5	5	
1	0	0	0	0		31	5	5	0	0	
2	0	0	0	0		32	0	5	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	5	
5	0	0	0	0		35	5	5	0	5	
6	0	0	0	0		36	5	5	5	5	
7	0	0	0	0		37	0	0	5	5	
8	0	0	0	0		38	5	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	5	
11	0	0	0	0		41	5	5	5	5	
12	0	0	0	0		42	0	5	5	5	
13	0	0	0	0		43	0	0	0	5	
14	0	0	0	0		44	5	5	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	5	5	
17	0	0	0	0		47	5	5	5	5	
18	0	0	0	0		48	5	5	5	5	
19	0	0	0	0		49	5	5	5	5	
20	0	0	0	0		50	5	5	10	5	
21	0	0	0	0		51	5	5	10	15	
22	0	0	0	0		52	10	15	15	10	
23	0	0	0	0		53	10	15	10	10	
24	0	0	0	0		54	5	5	5	5	
25	0	0	0	0		55	5	10	10	10	
26	0	0	0	0		56	10	10	5	10	
27	0	5	5	5		57	10	10	10	10	
28	5	0	5	5		58	15	10	15	10	
29	5	5	5	0		59	15	10	15	15	

Last Certification Date 4/7/10

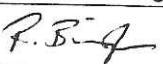
**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/12
OBSERVER:	R. BINGHAM
START:	11:35 am
FINISH:	pm
Source:	Blast Furnace C NORTH EAST HOUSE Observation Point BY FENCE NEAR PCI SICL0
distance from:	700'
direction from:	ESE
source height:	75'-100'
wind direction	NW
wind speed	5-10 MPH
sky condition	SCATTERED
amb. temp. (F)	75°-80°
color of emissions	UNITE UNLESS NOTED
other:	DRILLED AT 11:46 PLUGGED AT 1:54
Remarks:	(A) RUSTY COLOR
Observer's Signature	<i>R. B. J.</i>

1:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	10	15	10	10		30	10	10	10	10	
1	15	15	15	10		31	5	10	10	10	
2	15	10	15	15		32	10	10	10	10	
3	15	10	10	10		33	5	10	10	10	
4	10	10	10	10		34	10	10	10	10	
5	10	15	10	10		35	10	5	10	10	
6	10	10	10	10		36	10	10	10	10	
7	10	10	10	10		37	10	10	10	10	
8	10	10	5	5		38	10	10	10	5	
9	5	5	5	0		39	5	5	5	5	
10	0	5	5	5		40	5	5	5	5	
11	5	5	5	10		41	5	5	5	5	
12	5	5	5	5		42	5	5	10	10	
13	0	0	5	5		43	10	10	10	10	
14	5	5	5	5		44	10	5	5	10	
15	5	5	10	5		45	10	10	10	5	
16	5	5	10	10		46	5	5	5	5	
17	10	10	10	5		47	5	5	5	10	
18	10	10	10	5		48	10	10	10	10	
19	10	10	10	10		49	10	10	10	10	
20	10	10	5	5		50	10	10	10	15	
21	5	10	10	10		51	10	10	15	15	
22	10	10	10	10		52	15	15	15	10	
23	10	5	10	10		53	10	15	20	20	A
24	10	10	15	15		54	15	15	15	20	A
25	15	15	15	10		55	20	15	15	15	A
26	10	10	10	15		56	15	15	10	10	
27	10	10	10	10		57	5	10	5	5	
28	15	10	10	10		58	5	5	5	0	
29	10	10	10	10		59	0	0	0	0	

Last Certification Date 4/7/0

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	8/11/10
OBSERVER:	R. Bingham
START:	am 2:27 pm
FINISH:	am 4:13 pm
Source:	BLAST FURNACE C NORTHERN CAST HOUSE Observation Point WEST SIDE OF BOAT SLIP
distance from:	700'
direction from:	w
source height:	75'-100'
wind direction	N
wind speed	0-5 mph
sky condition	overcast/mainly
amb. temp. (F)	80° 85°
color of emissions	white
UNITED UNLESS NOTED	
other:	DRILLED AT 2:27 PLUGGED AT 4:10
Remarks:	
Observer's Signature	

2:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	8/11/10
OBSERVER:	R. Binkley
START:	am 2:22 <b>(pm)</b>
FINISH:	am 4:13 <b>(pm)</b>
Source:	BLAST FURNACE C NORTH EAST NOUSE
Observation Point	WEST SIDE OF BURN SLIP
distance from:	700'
direction from:	w
source height:	75'-100'
wind direction	SSW
wind speed	10-15 MPH
sky condition	OVERCAST/RAIN
amb. temp. (F)	75°-80°
color of emissions	WHITE UNLESS NOTED
other:	DRILLED AT 2:23 PLUGGED AT 4:10
Remarks:	
Observer's Signature	<i>R. Binkley</i>

3:00

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	0	5	
1	0	0	0	0		31	5	5	5	0	
2	0	0	0	0		32	0	0	0	5	
3	0	0	0	0		33	5	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	5	5	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	5	5	5	0	
11	0	5	5	5		41	0	0	0	0	
12	5	0	5	0		42	0	5	5	5	
13	0	5	0	5		43	10	5	5	5	
14	5	5	0	0		44	5	5	5	5	
15	0	0	5	0		45	5	5	5	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	5	
18	0	5	5	0		48	5	0	0	5	
19	0	0	0	0		49	5	0	0	5	
20	5	5	5	5		50	0	0	0	5	
21	5	5	5	5		51	5	0	5	0	
22	5	5	5	5		52	5	5	5	5	
23	5	5	5	5		53	5	10	5	5	
24	5	5	0	0		54	5	5	5	5	
25	5	5	0	0		55	5	5	0	0	
26	0	5	5	5		56	0	0	0	5	
27	5	5	5	5		57	5	5	0	0	
28	5	0	5	0		58	5	5	5	5	
29	0	5	5	5		59	5	0	5	5	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	8/11/10
OBSERVER:	R. Biagi (NAM)
START:	am 2:27 (pm)
FINISH:	am 4:13 (pm)
Source:	BLAST FURNACE C NORTH CAST HOUSE Observation Point WEST SIDE OF BAGG SLIP
distance from:	700'
direction from:	w
source height:	75'-100'
wind direction	s
wind speed	5-10 MPH
sky condition	overcast
amb. temp. (F)	75°-80°
color of emissions	white unless noted
other:	DRILLED AT 2:27 PLUGGED AT 4:10
Remarks:	An rusty color
Observer's Signature	R. Biagi

4:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	0		30					
1	0	0	5	0		31					
2	5	0	0	5		32					
3	0	5	5	5		33					
4	5	5	5	5		34					
5	5	0	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	10	15	15	▲	38					
9	20	20	15	10	▲	39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 8/4/10
OBSERVER: R. BINGHAM
START: am 2:00 (pm)
FINISH: am 3:27 (pm)
Source:
BLAST FURNACE C
EAST CASE HOUSE
Observation Point
GRAVEL AREA OFF ROAD "B"
distance from: 600'
direction from: S
source height:
75'-100'
wind direction WSW
wind speed 5-10 MPH
sky condition BRIGHT
amb. temp. (F) 85°.70'
color of emissions
WHITE UNLESS NOTED
other:
PLUGGED AT 2:07
PLUGGED AT 3:22
STARTED DUMPING SCRAP AT 2:47
Remarks:
A RUDY COLOR
Observer's Signature

2:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	5	10	10	10	▲	45	○	○	○	○	
16	5	5	5	5	▲	46	○	○	○	○	
17	5	5	5	5	▲	47	○	○	○	○	
18	5	5	0	5	▲	48	○	○	○	○	
19	5	5	10	10	▲	49	○	○	○	○	
20	10	10	5	5	▲	50	○	○	○	○	
21	5	0	0	0	▲	51	○	○	○	○	
22	○	○	○	○		52	○	○	○	5	
23	○	○	○	○		53	○	○	5	5	
24	○	○	○	○		54	5	0	0	0	
25	○	○	○	○		55	5	5	0	5	
26	○	○	○	○		56	0	5	0	5	
27	○	○	○	○		57	5	5	5	10	
28	○	○	○	○		58	5	5	5	5	
29	○	○	○	○		59	5	5	5	5	

Last Certification Date

8/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	8/4/10
OBSERVER:	R. BINGHAM
START:	am 2:00 <input checked="" type="checkbox"/>
FINISH:	am 3:27 <input checked="" type="checkbox"/>
Source:	BLAST FURNACE C ENR CAST HOUSE
Observation Point	GROVEL AREA OFF ROAD "B"
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction	N
wind speed	0-5 MPH
sky condition	overcast
amb. temp. (F)	85°-90°
color of emissions	white unless noted
other:	PLUGGED AT 2:03 PLUGGED AT 3:22 STARTED DUMPING SLAB AT 2:49
Remarks:	<input checked="" type="checkbox"/> RUSTY COLOR
Observer's Signature	R. Bingham

3:00						3:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	0	5		30					
1	5	5	5	0		31					
2	5	5	5	5		32					
3	5	5	8	5		33					
4	5	5	5	0		34					
5	0	5	0	0		35					
6	0	5	0	5		36					
7	0	0	5	5		37					
8	5	5	0	0		38					
9	0	5	5	10		39					
10	5	5	5	5		40					
11	5	5	5	10		41					
12	10	5	5	5		42					
13	5	5	5	0		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	10	5		47					
18	5	5	5	5		48					
19	5	5	10	10		49					
20	10	10	10	10		50					
21	5	5	10	10		51					
22	10	5	5	5		52					
23	5	5	0	0		53					
24	0	0	5	5		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27						57					
28						58					
29						59					

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 7/28/10
OBSERVER: R. BINGHAM
START: 2:13 am pm
FINISH: am 11:00 pm
Source:
131ST FURNACE C
EAST CAST HOUSE
Observation Point
GRavel area off road "B"
distance from: 700'
direction from: S
source height:
75'-100'
wind direction WSW
wind speed 10-15 mph
sky condition SCATTERED
amb. temp. (F) 80°-85°
color of emissions
WHITE UNLESS
other;
DRILLED AT 7:54
PLUGGED AT 11:53
Remarks;
<u>rusty color</u>
Observer's Signature
R. Bingham

9:00						9:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	10	20	30	▲
26						56	20	15	10	10	▲
27						57	5	0	0	0	▲
28						58	○	○	○	○	▲
29						59	○	○	○	○	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/28/10
OBSERVER:	R.Bingham
START:	8:53 am pm
FINISH:	am 12:00 pm
Source:	BLAST FURNACE C CAST CAST HOUSE Observation Point GRAVEL AREA OFF ROAD "B"
distance from:	700'
direction from:	S
source height:	75'-100'
wind direction	WSW
wind speed	10-15 MPH
sky condition	SKYSCRAPER
amb. temp. (F)	80°-85°
color of emissions	WHITE UNLESS NOTED
other:	DRILLED AT 9:54 PLUNGED AT 11:58
Remarks:	<input checked="" type="checkbox"/> RUSTY COLOR
Observer's Signature	R.Bing

10:00						10:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	5	5	5	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	5	0		48	0	0	5	0	
19	0	0	0	0		49	0	0	0	0	
20	5	0	0	0		50	0	0	5	0	
21	0	5	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	5	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	5	5	5	5	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	5	5	0	
29	0	0	0	0		59	0	5	0	0	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 7/28/10
OBSERVER: R. BINGHAM
START: 9:53 am pm
FINISH: am 12:00 pm
Source:
BLAST FURNACE <
CAST CAST NOUSE
Observation Point
GRAVEL AREA OFF ROAD "B"
distance from: 700'
direction from: S'
source height:
75'-100'
wind direction WSW
wind speed 10-15 MPH
sky condition BROKEN
amb. temp. (F) 80°-85°
color of emissions
WHIYE UNLESS NOTED
other:
DRILLED AT 9:54
PLUGGED AT 11:58
Remarks:
△ RUSTY COLOR
Observer's Signature

11:00						11:30					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	0	0	0		30	10	5	5	10	
1	0	5	5	5		31	10	10	5	5	
2	5	0	5	0		32	10	10	5	5	
3	5	0	0	0		33	10	5	5	5	
4	0	5	5	5		34	5	10	10	10	
5	5	5	5	5		35	10	5	10	10	
6	0	5	5	0		36	10	10	10	10	
7	5	5	5	5		37	10	10	10	10	
8	5	5	5	5		38	10	10	10	10	
9	5	5	5	5		39	10	10	10	10	
10	5	5	5	5		40	10	5	5	5	
11	5	5	5	5		41	5	10	10	10	
12	5	5	10	10		42	10	10	10	10	△
13	10	10	5	5		43	10	10	10	10	
14	5	5	5	5		44	10	10	10	10	
15	5	5	5	5		45	10	10	10	10	
16	5	5	5	5		46	10	10	10	10	
17	5	5	5	5		47	10	5	10	10	
18	5	10	10	10		48	5	10	5	5	
19	10	10	10	10		49	5	5	5	5	
20	10	10	10	10		50	10	5	10	10	
21	5	5	5	10		51	10	10	10	10	
22	10	10	10	5		52	10	10	5	10	
23	5	5	5	5		53	10	10	10	10	
24	10	5	5	5		54	10	5	5	10	△
25	5	5	5	5		55	10	10	10	10	
26	5	5	5	5		56	10	10	15	15	△
27	10	5	5	5		57	25	20	15	10	△
28	5	5	10	5		58	0	5	5	5	
29	10	10	10	10		59	5	5	0	0	

Last Certification Date 4/2/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/20/10
OBSERVER:	R. Bingham
START:	am 12:30 pm
FINISH:	am 2:17 pm
Source:	PLATE FURNACE C EAST CAST HOUSE
Observation Point	DRIVE IN TO OFF ROAD B
distance from:	600'
direction from:	S
source height:	75' - 100'
wind direction	N
wind speed	0-5 mph
sky condition	overcast
amb. temp. (F)	75°-80°
color of emissions	white unless noted
other:	DRILLED AT 12:30 PLUGGED AT 2:12
Remarks:	△ Grit (from ground spill)
Observer's Signature	

12:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	5	
4						34	5	5	0	0	
5						35	5	5	0	0	
6						36	0	0	0	0	
7						37	0	5	5	0	
8						38	0	5	0	5	
9						39	0	0	5	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	10	0	△
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	10	5	5	
27						57	0	0	0	0	
28						58	5	5	5	0	
29						59	5	0	0	0	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/20/10
OBSERVER:	R. BINGHAM
START:	am 12:30 (pm)
FINISH:	am 2:17 (pm)
Source:	Blast Furnace C
	East East House
Observation Point	Dirt area off road B
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction:	SW
wind speed:	5-10 mph
sky condition:	overcast
amb. temp. (F):	75°-80°
color of emissions:	white unless noted
other:	DRILLED AT 12:30 PLUGGED AT 2:12
Remarks:	<input checked="" type="checkbox"/> Grit (from ground spill)
Observer's Signature:	R. B. Bingham

1:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	0	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	0	60	30	20	<input checked="" type="checkbox"/>
4	0	0	0	0		34	10	10	5	5	<input checked="" type="checkbox"/>
5	0	0	0	0		35	5	5	5	5	
6	0	0	0	0		36	5	5	5	5	
7	0	0	0	0		37	10	10	10	5	
8	0	0	0	0		38	10	10	10	10	
9	0	0	0	0		39	10	10	10	10	
10	0	0	0	0		40	10	10	10	5	
11	0	0	0	0		41	5	10	5	10	
12	0	0	0	0		42	10	10	10	10	
13	0	0	0	5		43	10	10	10	10	
14	5	5	5	5		44	10	5	5	10	
15	5	5	5	0		45	10	10	10	5	
16	0	5	5	0		46	10	10	10	10	
17	0	0	0	5		47	5	10	10	10	
18	0	5	0	0		48	10	10	5	10	
19	5	0	5	5		49	10	10	5	5	
20	5	5	0	5		50	10	10	5	10	
21	5	0	0	0		51	10	5	5	10	
22	5	5	5	5		52	10	10	10	10	
23	0	0	10	10		53	10	10	10	10	
24	5	5	5	5		54	10	10	10	10	
25	5	0	5	5		55	10	5	10	10	
26	5	5	5	5		56	10	10	10	10	
27	0	5	5	5		57	10	10	10	10	
28	5	5	0	0		58	10	10	5	10	
29	20	40	25	15	A	59	5	5	5	5	

Last Certification Date 4/2/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	7/20/10
OBSERVER:	R. BIRGHOFF
START:	am 12:30 pm
FINISH:	am 2:17 pm
Source:	BLAST FURNACE C EAST CAGE HOUSE
Observation Point	Dirt area off road 13
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction	WSW
wind speed	5-10 MPH
sky condition	overcast
amb. temp. (F)	80°-85°
color of emissions	WHITE UNLESS NOTED
other:	DRILLED AT 12:30 PLUGGED AT 2:12
Remarks:	<p><u>1</u>) GRAY (FROM GROUND SPILL)</p> <p><u>2</u>) LIGHT RUSTY COLOR</p>
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	10	10	10		30					
1	10	10	5	10		31					
2	10	10	10	10		32					
3	10	10	10	10		33					
4	10	10	10	10		34					
5	10	10	10	10		35					
6	10	10	10	10		36					
7	10	10	10	10		37					
8	10	10	10	10		38					
9	10	5	5	10	2	39					
10	15	10	10	10	2	40					
11	10	10	10	10		41					
12	10	5	10	10		42					
13	5	5	10	5	A	43					
14	5	5	5	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Caria

R. B. H.

Last Certification Date 4/7/18

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 7/13/10
OBSERVER: R. BINGHAM
START: 10:00 <u>AM</u> pm
FINISH: am 12:12 <u>PM</u>
Source:
BLAST FURNACE C
EAST CAST HOUSE
Observation Point
DIRE ACES OFF ROAD "B"
distance from: 600'
direction from: S
source height:
75'-100'
wind direction ENE
wind speed 0-5 MPH
sky condition overcast
amb. temp. (F) 75°-80°
color of emissions
UNLESS OTHERWISE NOTED
other:
DRILLED AT 10:14
PLUGGED AT 12:06
Remarks:
<u>A</u> RUSTY COLOR
Observer's Signature

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
1						31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2						32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3						33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4						34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5						35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6						36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7						37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14	25	20	20	10	A	44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15	10	5	5	5	A	45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/13/10
OBSERVER:	R. BINGHAM
START:	10:00 am
FINISH:	am 12:12 pm
Source:	BLAST FURNACE C CAST CAST HOUSE
Observation Point	DIRE MILES OFF ROAD "B"
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction	E
wind speed	0-5 MPH
sky condition	overcast
amb. temp. (F)	75°-80°
color of emissions	white unless noted
other:	DRILLED AT 10:14 PLUGGED AT 12:06
Remarks:	<input checked="" type="checkbox"/> 1 RUSTY COLOR <input checked="" type="checkbox"/> 2 GREY - SPILL ON GROUND
Observer's Signature	R. Bingham

11:00						11:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	5	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	5	5	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	5	
8	0	0	0	0		38	5	10	10	10	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	5	5	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	5	0	0	0	
13	0	0	0	0		43	10	5	10	5	
14	0	0	0	0		44	5	5	0	5	
15	0	0	0	0		45	0	5	0	5	
16	0	0	0	0		46	5	5	5	5	
17	0	5	5	0		47	5	5	5	10	
18	5	5	5	5		48	20	15	10	10	A
19	5	0	5	5		49	10	5	5	5	A
20	0	0	5	0		50	10	10	5	5	
21	0	5	5	5		51	5	5	5	5	
22	5	0	0	0		52	5	5	5	5	
23	5	5	5	0		53	5	5	0	0	
24	0	5	5	5		54	5	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	0		56	0	0	5	0	
27	0	5	0	0		57	0	0	5	0	
28	0	0	0	0		58	5	5	0	0	
29	5	5	5	5		59	5	5	0	0	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 7/13/10
OBSERVER: R. BINCHER
START: 10:08 am pm
FINISH: am 12:12 pm
Source:
BLAST FURNACE C
CAST CAST HOUSE
Observation Point
DIST AREA OFF ROAD 'B'
distance from: 600'
direction from: S
source height:
75'-100'
wind direction NNE
wind speed 5-10 mph
sky condition OVERCAST
amb. temp. (F) 75°-80°
color of emissions
WHITE UNLESS NOTED
other,
DRILLED AT 10:14
PLUGGED AT 11:06
Remarks;
(A) RUSTY COLOR
(C) GREY-SPILL ON GROUND
Observer's Signature

12:00						12:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	10	10	15	10		31					
2	10	10	10	10	A	32					
3	15	10	5	10	A	33					
4	10	10	10	10	A	34					
5	10	10	5	5	A	35					
6	10	10	5	5		36					
7	5	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

R. B.

Last Certification Date

4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/6/10
OBSERVER:	R. BINGHAM
START:	11:44 am pm
FINISH:	am 1:10 pm
Source:	BLAST FURNACE C CAST CAST HOUSE
Observation Point	DUS AREA OFF OF ROAD "B"
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction	SSW
wind speed	10-15 mph
sky condition	CLCR
amb. temp. (F)	85°- 50°
color of emissions	UNIG UNCLSS NTRD
other:	DRILLED AT 11:00 PLUGGED AT 1:04
Remarks:	1 WHITE FUM GROUND LUL 2 RUSTY COLOR
Observer's Signature	<i>R. Bingham</i>

11:00

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	5	5	○	A
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	10	10	5	5	A A
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	15	2
29						59	30	40	30	20	2

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE:	7/6/10
OBSERVER:	R. B. INGRAM
START:	11:44 <input checked="" type="radio"/> am <input type="radio"/> pm
FINISH:	am 1:10 <input checked="" type="radio"/> pm
Source:	
BLAST FURNACE C	
East East House	
Observation Point	
PIPE AREA OFF REAR OF 'B'	
distance from:	600'
direction from:	5
source height:	75'-100'
wind direction	WSW
wind speed	15-20 mph
sky condition	Scattered
amb. temp. (F)	85°-90°
color of emissions	
UNLTD UNLESS NOTED	
other:	
DRILLED AT 11:00	
PLUGGED AT 1:04	
Remarks:	
A WHITE FROM GROUND LVL	
A RUSTY COLOR	
A LIGHT RUSTY COLOR	
Observer's Signature	
<i>R. B. Ingram</i>	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	10	5	0	0	A	30	5	5	0	0	
1	0	0	0	0		31	5	0	0	0	A
2	0	0	0	0		32	5	0	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	0	0	5	5	
5	0	0	0	0		35	5	5	5	5	
6	0	0	0	0		36	0	0	5	5	
7	0	0	0	0		37	5	5	5	5	
8	0	0	0	0		38	5	5	5	0	
9	0	0	0	0		39	5	5	10	5	
10	0	0	0	0		40	5	5	10	10	A
11	0	0	0	0		41	10	5	5	10	A
12	0	0	0	0		42	10	5	5	5	A
13	0	0	0	0		43	5	5	10	5	
14	0	0	0	0		44	0	5	10	10	
15	0	0	0	0		45	5	5	5	10	
16	0	0	0	0		46	5	5	5	5	
17	0	0	5	0		47	10	5	10	10	
18	5	10	5	5		48	10	10	10	10	
19	5	5	0	0		49	5	5	5	5	
20	0	0	0	0		50	5	5	5	5	
21	0	0	0	0		51	5	5	5	5	
22	0	0	0	0		52	5	5	5	5	
23	0	0	0	0		53	5	5	5	5	
24	0	5	0	0		54	5	0	0	0	
25	0	0	0	5		55	0	5	5	5	
26	0	0	0	5		56	0	5	5	5	
27	0	5	0	5		57	5	5	0	0	
28	5	0	0	5		58	5	5	5	5	
29	5	5	5	5		59	5	5	5	0	

Last Certification Date 4/7/10

**SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM**

DATE: 7/6/10
OBSERVER: R. BINGHAM
START: 11:44 am pm
FINISH: am 1:10 (pm)
Source:
BLAST FURNACE C
C1ST CAST HOUSE
Observation Point
PIER AREA OFF OF ROOF "B"
distance from: 600'
direction from: S
source height:
75'-100'
wind direction 55W
wind speed 15-20 MPH
sky condition SCATTERED
amb. temp. (F) 85°-90°
color of emissions
WHITE UNLESS NOTED
other:
PIRELED AT 12:00
PLUGGED AT 1:04
Remarks:
△ WHITE FROM GROUND LEVEL
△ CRUSTY COLOR
△ LIGHT CRUSTY COLOR
Observer's Signature

1:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	0		30					
1	5	5	5	5		31					
2	5	5	5	10	△	32					
3	10	25	30	30	△	33					
4	20	5	5	5	△	34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

R. B. B.

Last Certification Date 4/2/10